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DEPARTMENT OF THE
AIR FORCE
(AMENDMENT)
JUSTIFICATION OF ESTIMATES FOR FISCAL YEARS 1981 and 1982
SUBMITTED TO CONGRESS
MARCH 1981-

LEVEL II



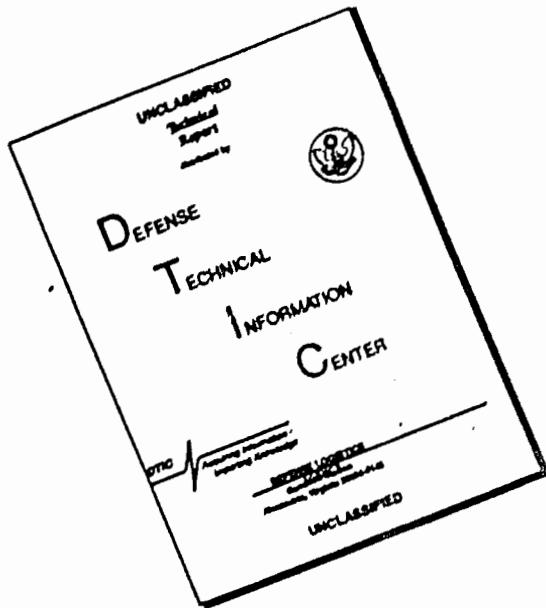
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Department of The Air Force
FY 1981 SUPPLEMENTAL AMENDMENT AND FY 1982 AMENDMENT, JUSTIFICATION OF ESTIMATES

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APPROPRIATION LANGUAGE SHEET

1982 Budget Appendix Page	Heading	1981 Supplemental Request Pending	1981 Proposed Amendment	1981 Revised Request
III-13	Military Personnel, Air Force	78,700,000	113,000,000	191,700,000

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DEPARTMENT OF THE AIR FORCE
MILITARY PERSONNEL APPROPRIATION, AIR FORCE
PROGRAM AND FINANCING SCHEDULE
(\$ Thousands)

<u>Program by Activities</u>	FY 1981 <u>Request</u> <u>Pending</u>	Amendment	FY 1981 <u>Revised</u> <u>Request</u>
		<u>Program Increase</u>	<u>Program Decrease</u>
Direct Program:			
1. Strategic forces	15,425	16,785	29,457
2. General purpose forces	19,675	26,435	42,599
3. Intelligence and communications	7,398	8,046	14,124
4. Airlift and sealift	7,240	8,355	14,303
5. Guard and reserve	236	255	449
6. Research and development	2,676	2,889	5,088
7. Central supply and maintenance	1,574	1,699	2,992
8. Training, medical and other general personnel activities	22,351	60,194	78,600
9. Administration and associated activities	1,810	1,954	3,441
10. Support of other nations	315	388	647
Total direct program	78,700	127,000	191,700
Reimbursable (total)			
Total obligations	78,700		191,700
Financing (net)	78,700		191,700
Outlays	77,100		188,179

DEPARTMENT OF THE AIR FORCE
 MILITARY PERSONNEL APPROPRIATION, AIR FORCE
 PROGRAM AND FINANCING SCHEDULE
 (\$ Thousands)

<u>Program by Activities</u>	FY 1981 Request <u>Pending</u>	Amendment		FY 1981 Revised Request
		<u>Program Increases</u>	<u>Program Decreases</u>	
Direct Program:				
1. Pay and Allowances of Officers		55,643	3,000	52,643
2. Pay and Allowances of Enlisted	4,800	47,000	10,000	41,800
3. Pay and Allowances of Cadets				
4. Subsistence of Enlisted Personnel	4,600	2,900		7,500
5. Permanent Change of Station Travel	28,300	27,157	6,700	48,757
6. Other Military Personnel Costs				
7. Unapplied Congressional Reduction	41,000			41,000
Total direct program	78,700	132,700	19,700	191,700
Reimbursable (total)				
Total obligations	78,700			191,700
Financing (net)	78,700			191,700
Outlays	78,700			188,179

SUMMARY OF ENTITLEMENTS BY SUBACTIVITY

	FY 1980			FY 1981			FY 1982		
	Officers	Enlisted	Total	Officers	Enlisted	Total	Officers	Enlisted	Total
1. Basic Pay	\$1,949,158	\$3,848,256	\$5,797,414	\$2,229,924	\$4,360,448	\$6,590,372	\$2,256,511	\$4,502,332	\$6,758,843
2. Basic Allowances for Quarters	257,093	469,301	726,394	357,071	670,529	1,027,600	363,863	696,090	1,059,953
a. With dependents	212,013	380,327	592,340	227,253	431,642	658,895	230,792	448,937	679,729
b. Without dependents	44,257	73,825	118,082	74,378	85,033	159,411	76,808	87,659	164,467
c. Substandard family housing	226	3,324	3,550						
d. Partial	597	11,825	12,422	332	11,803	12,135	332	11,990	12,322
e. Variable Housing Allowance				55,108	142,051	197,159	55,931	147,504	203,435
3. Subsistence	78,776	537,360	616,136	99,686	634,400	734,086	100,970	668,793	769,763
a. Basic Allowance for Subsistence	78,776	402,417	481,193	99,686	493,457	593,143	100,970	526,860	627,830
1. Auth to Mess Separately	346,712	346,712			425,342	425,342		456,723	456,723
2. Leave Rations	38,534	38,534			47,081	47,081		48,492	48,492
3. Rations-in-Kind not Avail.	16,624	16,624			20,362	20,362		20,973	20,973
4. Aug for Separate Meals	547	547			672	672		672	672
b. Subsistence-in-Kind	134,943	134,943			140,943	140,943		141,933	141,933
1. Subsistence in Messes	89,816	89,816			96,019	96,019		93,425	93,425
2. Special Rations	2,998	2,998			3,303	3,303		3,254	3,254
3. Operational Rations	3,302	3,302			1,197	1,197		4,051	4,051
4. Augmentation	1,604	1,604			1,767	1,767		1,911	1,911
5. Other Programs	37,223	37,223			38,657	38,657		39,696	39,696
4. Incentive Pay, Hazardous Duty, and Aviation Career	93,563	12,452	106,015	114,219	15,127	129,346	157,684	15,160	172,844
a. Flying Duty Pay	93,123	10,993	104,116	113,797	13,652	127,449	157,262	13,685	170,947
1. Aviation Career, Officers	91,849		91,849	112,411		112,411	155,810		155,810
2. Crew Members, Enlisted	10,491	10,491			12,744	12,744		12,744	12,744
3. Noncrew Member	1,274	502	1,776	1,386	908	2,294	1,452	941	2,393
b. Parachute Jumping Pay	69	426	495	66	429	495	66	429	495
c. Demolition Pay	129	728	857	124	726	850	124	726	850
d. Other Pays	242	305	547	232	320	552	232	320	552

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	FY 1980			FY 1981			FY 1982		
	Officers	Enlisted	Total	Officers	Enlisted	Total	Officers	Enlisted	Total
5. Special Pays	\$ 58,725	\$ 60,250	\$118,975	\$ 67,352	\$105,709	\$173,061	\$ 67,671	\$119,528	\$187,199
a. Physicians	47,964	47,964	55,724	55,724	56,087	56,087			
b. Dentists	10,236	10,236	11,132	11,132	11,097	11,097			
c. Optometrists	194	194	196	196	211	211			
d. Veterinarians	331	331	300	300	276	276			
e. Sea & Foreign Duty, Total	8,560	8,560	8,770	8,770	8,948	8,948			
1. Sea Duty	1	1	1	1	1	1			
2. Duty at Certain Places	8,559	8,559	8,769	8,769	8,947	8,947			
f. Diving Duty Pay	2	2	2	2	2	2			
g. Reenlistment Bonus	46,706	46,706	87,604	87,604	99,616	99,616			
1. Regular	4,348	4,348	2,735	2,735	1,300	1,300			
2. Selective	42,358	42,358	84,869	84,869	98,316	98,316			
h. Proficiency Pay	4,982	4,982	5,931	5,931	6,478	6,478			
i. Enlistment Bonus			2,802	2,802	3,784	3,784			
j. Overseas Extension Pay			600	600	700	700			
6. Allowances	33,798	194,055	227,853	34,267	210,692	244,959	33,234	226,417	259,651
a. Uniform or Clothing Alws	1,747	65,427	67,174	1,787	70,874	72,661	1,772	82,066	83,838
1. Initial Issue	1,317	28,183	29,500	1,249	33,889	35,138	1,281	39,306	40,587
a. Military	1,317	27,663	28,980	1,249	33,247	34,496	1,281	38,679	39,960
b. Civilian		520	520		642	642		627	627
2. Additional	430	430	538		538	491		491	
3. Basic Maintenance		7,451	7,451		8,636	8,636		9,644	9,644
4. Standard Maintenance		21,622	21,622		27,722	27,722		32,339	32,339
5. Supplemental		571	571		627	627		777	777
6. Stock Fund Price Increase		7,600	7,600						
b. Station Alws Overseas	30,716	121,455	152,171	30,971	129,754	160,725	29,958	134,252	164,210
1. Cost-of-Living	12,803	52,091	64,894	11,127	51,310	62,437	9,404	53,431	62,835
2. Housing	13,573	55,105	68,678	15,060	63,497	78,557	15,226	64,458	79,684
3. Temporary Lodging	4,340	14,259	18,599	4,784	14,947	19,731	5,328	16,363	21,691
c. Family Separation Allowance	1,283	7,173	8,456	1,455	10,064	11,519	1,450	10,099	11,549
1. On PCS, No Gov't Qtrs	509	3,151	3,660	669	4,004	4,673	664	4,039	4,703
2. On PCS, Dep not Authorized	425	3,073	3,498	434	4,742	5,176	434	4,742	5,176
3. On TDY	349	949	1,298	352	1,318	1,670	352	1,318	1,670
d. General & Flag Off, Personal	52	52	54		54	54		54	54

	FY 1980			FY 1981			FY 1982		
	Officers	Enlisted	Total	Officers	Enlisted	Total	Officers	Enlisted	Total
7. Separation Payments	\$ 28,321	\$ 48,133	\$ 76,454	\$ 28,673	\$ 50,536	\$ 79,209	\$ 36,112	\$ 46,582	\$ 82,694
a. Terminal Leave Payments	22,711	45,911	68,622	20,319	48,680	68,999	24,262	44,638	68,900
b. Severance Pay, Disability	225	2,222	2,447	224	1,856	2,080	450	1,944	2,394
c. Severance Pay, Non-promotion	5,165		5,165	7,935		7,935	11,100		11,100
d. Severance Pay, Unfitness	220		220	195		195	300		300
8. Missing-in-Action and POW (Less Item 11b)	1,177	6	1,183	327		327			
9. Social Security Tax Payments	116,403	235,852	352,255	140,895	284,116	425,011	148,096	301,242	449,338
10. PCS Travel	181,306	400,420	581,726	216,477	537,178	753,655	266,633	642,310	908,943
11. Other Mil Personnel Costs	/ 725	1,349	2,074	500	1,300	1,800	310	1,294	1,604
a. Apprehension of Deserters		154	154		154	154		154	154
b. Interest on Uniformed Svcs Savings Deposits (MIA)	389	4	393	160		160			
c. Death Gratuities	336	1,191	1,527	340	1,146	1,486	310	1,140	1,450
12. Cadets	24,956		24,956	28,031		28,031	28,613		28,613
Total, All Military Personnel Appropriations Request	\$2,824,001	\$5,807,434	\$8,631,435	\$3,317,422	6,870,035	\$10,187,457	\$3,459,697	\$7,219,748	\$10,679,445
13. Less: Reimbursables	56,551	79,086	135,637	51,302	77,584	128,886	47,677	74,948	122,625
Total, All Military Personnel Appropriations Request	<u>\$2,767,450</u>	<u>\$5,728,348</u>	<u>\$8,495,798</u>	<u>\$3,266,120</u>	<u>\$6,792,451</u>	<u>\$10,058,571</u>	<u>\$3,412,020</u>	<u>\$7,144,800</u>	<u>\$10,556,820</u>

DEPARTMENT OF THE AIR FORCE
MILITARY PERSONNEL, AIR FORCE
NARRATIVE JUSTIFICATION

Justification of FY 1981 program supplemental.

Pending Request (\$78,700)

Fact-of-life (\$55,700). These funds provide for the restoration of reductions made by the Congress to the fiscal year 1981 President's Budget. The Congress indicated to the extent the Services were unable to absorb these adjustments without significant program reductions additional funds should be requested through a supplemental or reprogramming request. The Air Force cannot absorb the Congressional reductions for such items as obligated but unexpended balances. Funding also supports the increased cost of feeding enlisted personnel in Air Force dining halls, and increased permanent change of station commercial transportation rates.

Fuel (\$23,000). The funds provide for higher fuel costs financed through industrial fund accounts (Military Airlift Command, Military Sealift Command, and Military Traffic Management Command). Fuel price increases require additional financing in the permanent change of station account to permit reimbursement to industrial funds for services (movement of passengers and personal property) rendered.

Amendment Program Increases (\$127,000).

Fact-of-life (\$64,000). These funds provide the Air Force the capability to fully execute the approved program and attain Congressionally authorized end strengths and the required manyear program. Financing specifically supports a more senior force because of reduced personnel losses for the Air Force, and higher permanent change of station commercial transportation rates.

Quality-of-Life (\$41,800). The funds provide for acceleration of mileage in lieu of transportation (MALT) (\$11,800) and reimburse the member to offset out-of-pocket costs incurred as a result of government directed PCS moves. Effective July 1, 1981, MALT is increased to 16¢ and per diem is increased to \$50.00 per day. The funds also provide for the implementation of the rated officer bonus (aviation continuation bonus) (\$30,000) provided for by the President's "Fair Benefits" legislative package to improve retention and alleviate critical aviator shortfalls.

Readiness (\$21,200). The funds provide for an increase of fiscal year 1981 end strength by 4,500 and the added personnel costs associated with this increase. Fiscal year 1981 end strength constraints could cause the Air Force to implement disruptive strength management actions at a time when the fiscal year 1982 President's Budget adds 5,000 military end strength and the fiscal year 1982 amendment adds 17,300 additional end strength.

Amendment Program Decreases (\$14,000) (Continued)

Inflation Adjustments (\$1,000). Revised inflation factors are reflected in both the FY 1981 Supplemental and FY 1982 Amendment. The new assumptions result in a FY 1981 permanent change of station program \$1.0 million lower than estimates previously provided in January.

Marginal Programs (\$13,000). The continued improvement of dollar versus the German mark is expected to result in the discontinuance of the cost-of-living allowance (COLA) requirement in Germany during FY 1981. Officer and enlisted pay and allowances accounts have been adjusted to consider this reduction.

APPROPRIATION LANGUAGE SHEET

1982 Budget Appendix Page	Heading	1981 Supplemental Request Pending	1981 Proposed Amendment	1981 Revised Request
III-14	National Guard Personnel, Air Force	4,900,000	5,700,000	10,600,000

DEPARTMENT OF THE AIR FORCE
 NATIONAL GUARD PERSONNEL, AIR FORCE
 PROGRAM AND FINANCING SCHEDULE
 (\$ Thousands)

	FY 1981 Request <u>Pending</u>	Amendment <u>Program Increases</u>	FY 1981 Revised <u>Request</u>
<u>Program by Activities</u>			
Direct Program:			
1. Unit and individual training	3,821	3,700	7,521
2. Other training and support	1,079	2,000	3,079
Total Obligations	4,900	5,700	10,600
<u>Financing (net)</u>			
Budget authority	4,900		10,600
Outlays	4,700		10,500

DEPARTMENT OF THE AIR FORCE
NATIONAL GUARD PERSONNEL, AIR FORCE
NARRATIVE JUSTIFICATION

Justification of FY 1981 program supplemental

Pending Request

4,900

Fact-of-Life:

(4,600)

Subsistence:

700

These funds provide for increased subsistence-in-kind costs and a higher utilization of government messing facilities based on actual experience. The FY 1981 budget request reflected an average mess utilization rate of 66 percent. The current average rate has increased to 71 percent at a cost of \$.4M. Likewise the average cost of FY 1981 subsistence-in-kind has increased 6.8 percent from the FY 1981 budget request at a cost of \$.3M.

FY 1981 Inflation

227

Additional funds are required to recognize fact-of-life price increases.

FY 1981 Obligated/Unexpanded Balance

3,673

The FY 1981 appropriation act included a reduction for balances which were anticipated to be obligated but unexpended. The congress indicated that a supplemental would be considered in the event that this reduction could not be accommodated without program reductions. Supplemental funding is being requested now to avoid program reductions.

Readiness:

(300)

A tactical deployment to the Middle East (Bright Star) took place in November 1980. Funds are requested to support training requirements deferred to accommodate the Middle East deployment.

300

<u>Amendment Program Increases</u>	5,700
<u>Quality-of-Life</u>	(100)
<u>Accelerate MALT (F-44)</u>	100
These funds provide reimbursement to Air National Guard members on full-time military duty by providing 16 cents per mile plus \$50 per day per diem effective 1 July 1981 for Permanent Change of Station moves.	
<u>Readiness</u>	(5,600)
<u>Puerto Rico Security (F-55)</u>	100
These funds will upgrade security at Muniz Air National Guard Base, Puerto Rico following a 12 January 1981 terrorist attack. The requested funds will provide increased training of the Base Defense Team and assist in the clean-up and security of the base.	
<u>Readiness Manpower (F-101):</u>	5,500
A number of participation and pay changes have taken place since the submission of the FY 1982 budget request in January. Participation in unit training assemblies and additional flying training periods have increased significantly. Projecting these rates against the FY 1981 program results in a requirement of \$3.2 million. Actual pay rates require an adjustment of \$.3 million. Increased utilization of government messing facilities by basic trainees will require \$.3 million in FY 1981. Changes in enlisted clothing prices from the budget request will require an additional \$.1 million. In addition, funds in the amount of \$1.6 million are required to reduce school training shortfalls and to recognize the FY 1981 student load of 39 additional Air National Guard Undergraduate Pilot Training spaces.	

APPROPRIATION LANGUAGE SHEET

1982 Budget Appendix Page	Heading	1981 Supplemental Request Pending	1981 Proposed Amendment	1981 Revised Request
III-16	Operation and Maintenance, Air Force	424,900,000	882,000,000	1,306,900,000

DEPARTMENT OF THE AIR FORCE
OPERATION AND MAINTENANCE, AIR FORCE
PROGRAM AND FINANCING SCHEDULE
(\$ Thousands)

<u>Program by Activities</u>	<u>FY 1981 Request Pending</u>	<u>Amendment</u>	<u>FY 1981 Revised Request</u>
		<u>Program Increases</u>	<u>Program Decreases</u>
<u>Direct Program</u>			
1. Strategic Forces	143,823	91,181	22,283
2. General Purpose Forces	167,640	193,568	18,898
3. Intelligence and Communications	7,543	22,008	13,926
4. Airlift Forces	15,610	58,228	3,746
7. Central Support & Maintenance	66,600	602,861	35,647
8. Training, Medical & Other General Personnel Activities	23,607	28,757	16,811
9. Administration & Associated Activities	77	3,097	6,252
10. Support of Other Nations	0	0	137
TOTAL DIRECT PROGRAM	424,900	999,700	117,700
Reimbursable (Total)	0		0
TOTAL OBLIGATIONS	424,900		1,306,900
<u>Financing (Net)</u>			
Budget Authority	424,900		1,306,900
Outlays	749,900		1,465,000

DEPARTMENT OF THE AIR FORCE
FY 1981 Budget Amendment
Operations and Maintenance
(\$ in Thousands)

<u>Fact of Life</u>	<u>Total</u>	<u>Budget Activities</u>							
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>
Elegant Lady	20,000		14,099				5,901		
Titan II Service Engineering/Safety Improvements	5,200	5,200							
Defense Support Program Upgrade	4,500	4,500							
Proud Phantom	7,800		7,800						
AWACS Deployments	50,400	1,578	35,262				13,560		
Special Tactical Unit Detachment (STUD)	10,000		10,000						
Korean Beddown	17,300		17,300						
Indirect Fuel Costs	155,000	3,943	25,450	579	34,042	82,572	8,414		
M-X Leases and Master Planning	11,900					10,100		1,800	
Lajes Upgrade	9,500				9,500				
Minuteman Power Line Protection	5,000	5,000							
Wilford Hall	3,500						3,500		
Undergraduate Pilot Training (UPT)	5,300						5,300		
O&M Must Pay Items	21,400	4,900	5,900	3,100			6,600	900	
Depot Maintenance Industrial Fuel (DMIF) Working Capital Policy	311,000					311,000			
Federal Telephone Service (FTS) Cost Increase	200			200					
Indicia Mail	3,000					3,000			
Tuition Payments to Civilian Institutions	2,500						2,500		
Fuel Price Increase	136,000					136,000			
Total Fact of Life	779,500	25,121	115,811	3,879	43,542	562,133	26,314	2,700	-

		Budget Activities								
	Total	1	2	3	4	7	8	9	10	
<u>Readiness</u>										
Increased Flying Hours	170,000	63,485	68,712		8,394	29,409				
C-141 Brigade Airdrop	5,000				5,000					
Civilian Personnel Reinstatement	16,000	2,575	4,545	- 668	1,292	5,416	2,443	397		
National Emergency Airborne Command Post	2,000			2,000						
Total Readiness	193,000	66,060	73,257	1,332	14,686	34,825	2,443	397		
<u>Modernization</u>										
National Foreign Intelligence Program	17,200			16,797		403				
Purchase of American Airlines 707s	5,500					5,500				
Rapid Deployment Joint Task Force Intelligence	4,500		4,500							
Total Modernization	27,200	-	4,500	16,797	-	5,903	-	-	-	
<u>Economics and Efficiencies</u>										
Civilian Personnel/Base Realignment	- 16,000	- 3,083	- 3,324	- 826	- 2,260	- 5,245	- 1,056	-	206	
Travel /Base Operating Support	- 34,800	- 6,148	- 9,055	- 3,640	- 3,401	- 6,337	- 5,259	-	960	
Consultant Services/Service Contracts	- 6,900	- 2,020	- 1,597	- 1,260	- 1,842	- 2	-		179	
Total Economics & Efficiencies	- 57,700	-11,251	-13,976	- 5,726	- 5,661	-13,424	- 6,317	-	1,345	
<u>Other</u>										
Inflation Adjustment	- 60,000	-11,032	- 4,922	- 8,200	+ 1,915	-22,223	-10,494	- 4,907	-137	
Net Change:	882,000	68,898	174,670	8,082	54,482	567,214	11,946	- 3,155	-137	

DEPARTMENT OF THE AIR FORCE
OPERATION AND MAINTENANCE, AIR FORCE
NARRATIVE JUSTIFICATION
(\$ Thousands)

Justification of FY 1981 Program Supplemental

Pending Request - 424,900.

Fact of Life (401,100)

Fuel Price Increase (334,500). This supplemental request plus the amount which was appropriated by Congress in FY 1981 fund the difference between \$.94/gal and \$1.16/gal for JP-4.

Stock Fund Price Increase (66,600). These funds are for stock fund price increases known to date (31,500) and for Airlift Service Industrial Fund (ASIF) customer price increases (35,100) not included in the FY 1981 President's Budget.

Quality of Life (200)

Fair Benefits (200). These funds pay for a trip back home for a military member who extends his/her tour overseas.

Readiness (23,600)

Tactical Air Deployment (5,000). These funds provide for an overseas training tactical deployment of aircraft to enhance readiness.

Classified Program (4,000). Details can be provided through classified channels.

Airborne Warning and Control System (AWACS) Deployment (14,600). E-3A AWACS aircraft were deployed overseas for command/control/ reconnaissance purposes subsequent to submission of the FY 1981 President's Budget. These deployments were in immediate response to real world contingencies and could not have been programmed or budgeted. No additive flying hours are supported in this request.

Amendment Program Increases - 999,700

Fact of Life (779,500)

Elegant Lady (20,000). Elegant Lady is a classified effort which was directed by JCS after submission of the FY 1981 budget. These funds provide for continuation of this high priority, must-pay effort. Details can be provided separately.

Titan II Service Engineering/Safety Improvements (5,200). These funds are required to perform service engineering and safety improvements resulting from critical reevaluation of safety and supportability in response to the September 1980 accident at Little Rock AFB. Funds are needed to implement the recommendations of one Congressional and three Air Force investigative teams.

Defense Support Program Upgrade (4,500). These funds are critical to making ground station software compatible with new generation satellites now in production and scheduled for delivery in FY 1982. The software must be available to support an operational launch of a classified mission. The software modification will allow the Simplified Processing Station and Mobile Ground Terminal to process all operational data received from the new satellites.

Proud Phantom (7,800). Proud Phantom was a deployment of F-4 aircraft to Egypt in late FY 1980 directed by National Command Authorities after submission of the FY 1981 President's Budget. These funds are required to fund the Air Force for the already accomplished return of the aircraft to CONUS.

Airborne Warning and Control System (AWACS) Deployments (50,400). Subsequent to submission of the FY 1981 President's Budget, aircraft were deployed to Europe and Saudi Arabia for command/control/ reconnaissance purposes. These deployments were in immediate response to contingencies and could not have been programmed or budgeted. A previously mentioned Pending Request of \$14.6M (titled: AWACS deployment) requests funds for TDY/Airlift associated with the Saudi Arabian deployment. This increase requests funds for TDY/Airlift associated with the European deployment (\$4.7M) and an increase of 5800 E-3A flying hours (\$31.7M) associated with both deployments. In addition, two unbudgeted, classified deployments are now programmed to occur later in FY 1981 (\$14.0M). This effort supports 5,800 E-3A flying hours above those already budgeted for.

Special Tactical Unit Detachment (STUD) (10,000). These funds are for a top priority, classified program directed by National Command Authorities after submission of the FY 1981 President's Budget. Details can be provided through classified channels.

Korean Beddowns (17,300). Funds are required for preparation for the A-10 aircraft-beddown at Suwon AB, Korea in early FY 1982 and for F-16 aircraft beddown at Kunsan AB, Korea in late FY 1981. Both beddowns are part of the USAF upgrading program and have been accelerated for urgent readiness reasons.

Indirect Fuel Costs (155,000). Increasing fuel prices have driven up the cost of other Air Force activities. Included are Army Post Office (APO) mail rates, GSA vehicle rental rates, Airlift Services Industrial Fund (ASIF) tariff rates (non-recovery of prior year losses), utilities, and Air Force Industrial Fund operating costs. All of these increases are above the rates provided in the FY 1981 appropriated O&M amount.

M-X Leases and Master Planning (11,900). An Air Force Regional Civil Engineer (AFRCE) Office for the M-X was established subsequent to submission of the FY 1981 President's Budget. Funds are required to equip the new organization, to provide personnel and other support costs, and to contract for master planning of each of the proposed M-X site configurations.

Lajes Upgrade (9,500). Lajes AB, Azores must be upgraded to be able to fulfill the assigned Rapid Deployment Force (RDF) mission. Funds provide: base pavements, power production/distribution, corrosion control, fire protection, maintenance repair, and power plant upgrade.

Minuteman Power Line Protection (5,000). This requirement was discovered subsequent to submission of the FY 1981 President's Budget. Due to the vulnerability of power lines to surges during nuclear blasts, all the Minuteman Launch Control Facilities (100) and Launch facilities (1005) require Electromagnetic Pulse protective devices. This item is critical to Minuteman survivability.

Wilford Hall (3,500). Correction of Military Construction Program (MCP) contractor-identified plant deficiencies required to assure the Air Force of all equipment/system warranty rights. Insufficient funding for FY 1980 delayed purchasing of initial outfitting equipment for additional patient examining rooms and physician's offices in the MCP addition to Wilford Hall Medical Center.

Undergraduate Pilot Training (UPT) (5,300). The funds support an increase of 150 active and 38 Air National Guard UPT production as programmed in the FY 1982 President's Budget. The active force is currently experiencing a significant pilot deficit which will continue through FY 1986. FY 1982 production increases are required to reduce the deficit and the current undermanning of the pilot force. Since the UPT course length is almost one year (49 weeks), resources must be programmed in FY 1981 to meet FY 1982 production.

Operation and Maintenance (O&M) Must Pay Items (21,400). Funds multiple, must pay, high priority items due to price increases in excess of appropriated amounts, and new requirements identified after the FY 1981 President's Budget was submitted. Includes such items as: Southwest Asia and Indian Ocean deployments (1,500); C-5 Operational Utility Evaluation (1,900); SR-71 transportation (1,600); RAS BANAS master planning (200); medical care in non-defense facilities (3,500); DEPUS-C (1,400); GEODSS SITE III (300); Trichloroethylene contamination, Wurthsmith (1,500); RIVET JOINT BLOCK III (1,800); Magnum contract (1,500); air traffic control at Quonset Point (500); Civil Air Patrol (500); USAFE LORAN sites (1,200); Joint Strategic Connectivity Staff (400); SITE ALPHA (500); and TDY-to-school price increase (3,100).

Depot Maintenance Industrial Fund (DMIF) Working Capital Policy (311,000). The Air Force discontinued the practice of using anticipated customer orders as budgetary resources in the DMIF. The result is a requirement to obligate customer funds to cover the full obligations of DMIF. These funds are essential to the ability of DMIF to provide necessary services in a business like manner.

Federal Telephone Service (FTS) Cost Increase (200). FTS rates have been increased by \$.2 million since submission of the FY 1981 President's Budget.

Indicia Mail (3,000). The Air Force pays the U.S. Postal Service for official indicia (postage and fees paid pre-stamped) mail. The U.S.P.S. filed new rates to be effective in March 1981.

Tuition Payment to Civilian Institutions (2,500). Civilian institution tuition increased by 14% in September 1980. Since the FY 1981 Amended Budget only includes a 9% price increase for these programs, an additional \$2,500 is required to cover additive tuition costs.

Fuel Price Increase (136,000). These funds are for a stock fund pass-through to maintain stabilized FY 1981 prices to customers. Funds are required to pay for the increased fuel prices resulting from recent deregulation.

Readiness (193,000)

Increased Flying Hours (170,000). In FY 1981 a reduction of 54,290 flying hours to the Air Force's program was initiated to support a proposed reprogramming action to transportation and depot maintenance. Restoration of these funds will permit the minimum essential level of readiness training in the Air Force in FY 1981. The proposed reprogramming is still required to support the flying hour program requested in the FY 1982 budget.

C-141 Brigade Airdrop (5,000). Funding in FY 1981 and subsequent years will allow the Air Force to expand its airdrop capability to meet minimum JCS requirements for size and conditions for airdrop. These funds are for flying hours to support C-141 aircrew training. The requirement for increased capability was directed after submission of the FY 1981 budget.

Civilian Personnel Reinstatement (16,000). The Air Force requires an additional 1400 civilian end strength to the Air Force FY 1981 requirements contained in the President's FY 1982 Budget. The increase would be spread throughout the Air Force O&M appropriation in such areas as procurement, supply, contract administration, and other essential operations.

National Emergency Airborne Command Post (2,000). These funds provide resources to relocate the National Emergency Airborne Command Post inland. The requirement for relocation was not definitized in time for inclusion in the FY 1981 President's Budget.

Modernization (27,200).

National Foreign Intelligence Program (17,200). These funds are for a highly classified, special access program.

Purchase of American Airlines 707s (5,500). These funds are required for costs necessary to modify Air Force C-135 aircraft by installation of JT-3D engines, horizontal stabilizer, pylons, instruments, et al, which will be transferred from B-707 commercial aircraft.

Rapid Deployment Joint Task Force Intelligence (4,500). These funds provide operations and maintenance of satellite and teletype terminals, mobile cryptologic support facility, and in-garrison intelligence support.

Amendment Program Decreases - -117,700

Inflation Adjustment (-60,000)

Inflation (-60,000). Administration economic programs will strengthen the value of the dollar by reducing the inflationary pressure against it. Savings from the original budget are a result of revised inflation indices which reflect the impact of these programs on the economy.

Efficiencies (-57,700).

(1) Civilian Personnel/Base Realignment: (-16,000). Savings in non-personnel areas from the original budget associated with previous civilian hiring freeze and consolidation of support services.

(2) Travel and Base Operations Support Efficiencies (-34,800). Savings from the original budget.

(3) Consultant Services (-6,900). Savings from the original budget due to consultant services limitation, and reductions to professional service contracts.

Net Change in Resources Requested: +882,000

APPROPRIATION LANGUAGE SHEET

1982 Budget Appendix Page	Heading	1981 Supplemental Request Pending	1981 Proposed Amendment	1981 Revised Request
III-17	Operation and Maintenance, Air Force Reserve	26,100,000	2,200,000	28,300,000

DEPARTMENT OF THE AIR FORCE
 OPERATION AND MAINTENANCE, AIR FORCE RESERVE
 PROGRAM AND FINANCING SCHEDULE
 (\$ Thousands)

	FY 1981 Request <u>Pending</u>	Amendment		FY 1981 Revised <u>Request</u>
		<u>Program Increases</u>	<u>Program Decreases</u>	
<u>Program by Activities</u>				
Direct Program:				
1. Mission Forces	25,550	-	1,800	23,750
2. Depot Maintenance	-	3,000	-	3,000
3. Other Support	550	1,000	-	1,550
Total Direct Program	26,100	4,000	1,800	28,300
Reimbursable (Total)	-			-
Total Obligations	26,100			28,300
Financing (Net)				
Budget Authority	26,100			28,300
Outlays	38,700			40,500

DEPARTMENT OF THE AIR FORCE
FY 1981 BUDGET SUPPLEMENTAL
OPERATION AND MAINTENANCE, AIR FORCE RESERVE
(\$ in Thousands)

	<u>Total</u>	<u>Aircraft Operations</u>	<u>Non-Flying Operations</u>	<u>Depot Maintenance</u>	<u>Base Operations</u>	<u>Command Support</u>
<u>Fact of Life</u>						
AFR/ANG Beddown	+1,000				+1,000	
Depot Maintenance Industrial Fund Working Capital Policy	+3,000				+3,000	
<u>Economics and Efficiencies</u>						
Civilian Personnel/Base Realignments	-1,200	-1,200				
Marginal Program Savings	-500	-500				
Consultant and Professional Management Services Reduction	-100		-100			
Net Change	+2,200	-1,700	-100	+3,000	+1,000	-0-

**SUMMARY OF REQUIREMENTS BY PROGRAM PACKAGE
OPERATION AND MAINTENANCE, AIR FORCE RESERVE**

<u>Program Package</u>	FY 1980			FY 1981			FY 1982		
	<u>Mil</u>	<u>Civ</u>	<u>\$000</u>	<u>Mil</u>	<u>Civ</u>	<u>\$000</u>	<u>Mil</u>	<u>Civ</u>	<u>\$000</u>
Mission Forces	<u>178</u>	<u>7,395</u>	<u>370,914</u>	<u>235</u>	<u>7,797</u>	<u>430,552</u>	<u>265</u>	<u>8,359</u>	<u>488,041</u>
Aircraft Operations	67	7,282	363,602	125	7,706	422,552	153	8,243	479,761
Non-Flying Operations	111	113	7,312	110	91	8,000	112	116	8,280
Depot Maintenance			<u>52,259</u>			<u>73,121</u>			<u>80,042</u>
Other Support	<u>541</u>	<u>3,286</u>	<u>88,216</u>	<u>524</u>	<u>3,160</u>	<u>101,207</u>	<u>514</u>	<u>3,241</u>	<u>112,925</u>
Base Operations	130	2,235	64,794	122	2,109	75,066	122	2,216	86,559
Command Support	411	1,051	23,422	402	1,051	26,141	392	1,025	26,366
TOTAL	<u>719</u>	<u>10,681</u>	<u>511,389</u>	<u>759</u>	<u>10,957</u>	<u>604,880</u>	<u>779</u>	<u>11,600</u>	<u>681,008</u>

DEPARTMENT OF THE AIR FORCE
OPERATION AND MAINTENANCE, AIR FORCE RESERVE
NARRATIVE JUSTIFICATION

Justification of FY 1981 Program Supplemental

Pending Request \$26,100

Fact-of-Life

Fuel Price Increase: \$25,000 The increase is required to fund the rate increase of petroleum products used by the Air Force Reserve for the operation of aircraft, utilities, vehicle operations and ground operations.

Other

Non-Fuel Stock Fund Purchases: \$1,100 Increase based on a repricing of the major customer purchases of non-fuel items from the Air Force Stock Fund (AFSF).

Amendment Program Increases \$4,000

Fact-of-Life

AFR/ANG Beddown: \$1,000 AFR portion of resources required to provide facilities needed to convert the 104th TPG at Barnes MAP, MA from F-100D's to A-10A's and to ensure other AFR and ANG converting units are achieving combat ready status. This request also includes O&M funds to reduce the backlog of real property maintenance in the AFR and ANG.

Depot Maintenance Industrial Fund Working Capital Policy: \$3,000 The Air Force discontinued the practice of using anticipated customer orders as budgetary resources in the DMIF. The result is a requirement to obligate customer funds to cover the full obligations of the DMIF. These funds are essential to the ability of DMIF to provide necessary services in a business like manner.

DEPARTMENT OF THE AIR FORCE
OPERATION AND MAINTENANCE, AIR FORCE RESERVE
NARRATIVE JUSTIFICATION

Justification of FY 1981 Program Supplemental (Continued)

Amendment Program Decreases \$1,800

Civilian Personnel/Base Realignments: \$1,200 Savings generated through the directed hiring freezes and the consolidation of support services, such as laundry service or fire protection at bases that are grouped in the same geographic area.

Marginal Programs: \$500 Reflects savings in supplies, equipment, and other marginal programs.

Consultant and Professional Management Services Reduction: \$100 Reduction as a result of intensive review of marginal projects, review previous and planned efforts to avoid duplication and to provide for more competitive procurement so as to reduce costs.

APPROPRIATION LANGUAGE SHEET

1982 Budget Appendix Page	Heading	1981 .Supplemental Request Pending	1981 Proposed Amendment	1981 Revised Request
III-17	Operation and Maintenance, Air National Guard	72,100,000	9,900,000	82,000,000

DEPARTMENT OF THE AIR FORCE
OPERATION AND MAINTENANCE, AIR NATIONAL GUARD
PROGRAM AND FINANCING SCHEDULE
(Dollars in Thousands)

<u>Program by Activities</u>	FY 1981 <u>Request</u> <u>Pending</u>	Amendment	FY 1981 <u>Revised</u> <u>Request</u>
		<u>Program Increases</u>	<u>Program Decreases</u>
Direct Program:			
410 Operation of Aircraft	61,591		
430 Logistical Support		8,000	61,591
440 Training Support			8,000
480 Servicewide Support	10,509	7,800	5,900
Total Direct Program	72,100	15,800	5,900
Reimbursable (total)			82,000
Total Obligations	72,100		
Financing (net)			82,000
Budget Authority	72,100		
Outlays	109,100		82,000
			117,700

DEPARTMENT OF THE AIR FORCE
FY 1981 BUDGET SUPPLEMENTAL
OPERATIONS AND MAINTENANCE, AIR NATIONAL GUARD
(Dollars in Thousands)

BUDGET ACTIVITIES

	Total	Operation of Aircraft	Logistical Support	Training Support	Servicewide Support
<u>Fact-of-life</u>					
Fuel Price Increases	\$67,400	\$61,591		\$ 5,809	
Stock Fund Price Increase	\$ 3,500			\$ 3,500	
DMIF Working Capitol Policy	\$ 8,000		\$8,000		
AFR/ANG Beddown	\$ 6,500			\$ 6,500	
<u>Quality-of-Life</u>					
Readiness					
Rapid Deployment Forces	\$1,200			\$1,200	
Puerto Rico Security	\$1,300			\$1,300	
<u>Modernization</u>					
<u>Marginal Programs</u>					
Economics and Efficiencies					
Supply Efficiencies		(\$3,000)		(\$3,000)	
Civilian Personnel/Base Realignments		(\$2,800)		(\$2,800)	
Consultant and Professional Management					
Services Reduction		(\$ 100)		(\$ 100)	
<u>Other</u>					
Net Change	\$82,000	\$61,591	\$8,000	\$12,409	

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DEPARTMENT OF THE AIR FORCE
OPERATION AND MAINTENANCE, AIR NATIONAL GUARD
NARRATIVE JUSTIFICATION
(Dollars in Thousands)

JUSTIFICATION OF FY 1981 PROGRAM SUPPLEMENTAL

<u>Pending Request</u>	72,100
<u>Fact-of-Life</u>	(70,900)
Fuel Price Increase	67,400

The request is required to fund increases in the cost of petroleum products. These funds provide for higher fuel costs including those financed through Industrial Fund accounts. The FY 1981 revised Stock Fund fuel prices reflect an estimated average cost of \$49.89 per barrel. The President's Budget as amended included an average price of \$41.58 per barrel. The operational capability and mission effectiveness of aircraft and ground vehicles could be significantly impaired if additional O&M fuel funding is not provided.

Stock Fund Price Increase	3,500
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The request is required to fund increases in the cost of non-fuel items from the Air Force Stock Fund. The actual prices being charged by the Stock Fund in FY 81 exceed the prices budgeted in customer appropriations. This is caused by actual FY 80 inflation (which is built into the prices charged by the stock fund) exceeding earlier estimates of inflation.

<u>Readiness</u>	(1,200)
Rapid Deployment Forces	1,200

The increase is required to fund the costs of Rapid Deployment Force Exercise (Bright Star) which occurred in November 1980 but was not included in the FY 1981 President's Budget as amended. This overseas deployment successfully tested an entire ANG unit for rapid deployment and provided personnel with realistic training under field conditions in an environment similar to that in which they would most likely be called upon to fight.

DEPARTMENT OF THE AIR FORCE
OPERATION AND MAINTENANCE, AIR NATIONAL GUARD
NARRATIVE JUSTIFICATION
(Dollars in Thousands)

JUSTIFICATION OF FY 1981 PROGRAM SUPPLEMENTAL (CONTINUED)

<u>Amendment Program Increases</u>	15,800
<u>Fact-of-Life</u>	14,500
DMIF Working Capital Policy (F-18)	8,000
The Air Force discontinued the practice of using anticipated customer orders as budgetary resources in the Depot Maintenance Industrial Fund. These funds are essential to enable the Depot Maintenance Industrial Fund to contract for necessary services. Funds are required to provide initial funding for services from the Depot Maintenance Industrial Fund which will be billed to the Air National Guard.	
AFR/ANG Beddown (F-14)	6,500
The increase is required to fund requirements associated with conversions in Air National Guard flying units, facility upgrade projects, and to reduce the BMAR to stay within the Congressionally directed containment level. Failure to fund this item would adversely impact converting units achieving combat ready status. Project deferrals would impact critical mission support areas such as airfield pavements and utility systems where major maintenance and repair projects are required in FY 1981.	

DEPARTMENT OF THE AIR FORCE
OPERATION AND MAINTENANCE, AIR NATIONAL GUARD
NARRATIVE JUSTIFICATION
(Dollars in Thousands)

JUSTIFICATION OF FY 1981 PROGRAM SUPPLEMENTAL (CONTINUED)

<u>Readiness</u>	(1,300)
Puerto Rico Security (F-55)	1,300
Request is for funds to upgrade security at Muniz ANGB, Puerto Rico following a 12 January 1981 terrorist attack. The requested funds would add 64 additional security guards, provide for augmentation of security forces, improve electronic security surveillance, fencing and lighting improvements, erection of a security tower, and repair of the parking ramp and existing fencing.	
<u>Amendment Program Decreases</u>	5,900
<u>Efficiencies</u>	(5,900)
Supply Efficiencies	3,000
Efficiency reflects a reduction in supplies.	
Civilian Personnel/Base Realignments (F-201)	2,800
Efficiency reflects the savings generated as a result of the Office of Management and Budget directed hiring freezes and savings generated through the consolidation of support services. This efficiency reflects a reduction of approximately 115 workyears.	
Consultant & Professional Management Services Reduction (F-203)	100
Efficiency reflects the savings generated as a result of more intensive review of efforts to avoid marginal projects, review of previous and planned efforts to avoid duplication, and provision for more competitive procurement so as to reduce costs.	

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APPROPRIATION LANGUAGE SHEET

Aircraft Procurement, Air Force

For an additional amount for "Aircraft procurement, Air Force, 1981/1983", \$716,625,000, to remain available for obligation until September 30, 1983.

DEPARTMENT OF THE AIR FORCE
AIRCRAFT PROCUREMENT, AIR FORCE
PROGRAM & FINANCING SCHEDULE
(\$ in Thousands)

	<u>FY 1981 Request Pending</u>	<u>Supplemental Program Increases</u>	<u>Program Decreases</u>	<u>FY 1981 Revised Request</u>
<u>Direct Program:</u>				
1. Combat Aircraft	81,000	-74,500	6,500	
2. Airlift Aircraft	-	-1,900	-1,900	
4. Other Aircraft	50,700	-2,400	48,300	
5. Modification of Inservice Aircraft	93,800	-35,455	58,345	
6. Aircraft Spares & Repair Parts	647,000	-41,845	605,155	
7. Aircraft Support Equipment & Facilities	24,000	-23,775	225	
Total Direct Program	896,500	-179,875	716,625	
Reimbursable Program (total)	-	-	-	
Total	896,500	-179,875	716,625	
Financing (net)	-	-	-	
Budget Authority	896,500	-179,875	716,625	
Outlays			57,545	

DEPARTMENT OF THE AIR FORCE
AIRCRAFT PROCUREMENT, AIR FORCE
NARRATIVE JUSTIFICATION
(\$ MILLIONS)

Justification of FY 1981 Program Supplemental.

Program Increases. (\$896.5)

Readiness. \$721.0)

Peacetime Operating Replenishment Spares (\$358.2). Funds will be used to procure spares to support the flying hour program needed to train aircrews so they can respond to a wartime tasking. Due to the impact of increasing inflation, increasing production leadtime, and increasing failure rates caused by an aging force (14 years average), more spares are required. The FY 1981 appropriation will procure only about 57% of the spares required for the FY 1983 peacetime flying hour program (funds are requested two years in advance of the needed delivery period due to the production leadtimes.) An additional \$477.2 million is required in FY 1981 (\$119 million is being requested in an OSD directed FY 1981 reprogramming). Without the additional funds, peacetime training will be curtailed, additional O&M funds will be expended to transport and repair the available spares, and additional maintenance manhours will be expended to cannibalize parts from other aircraft, jeopardizing their ability to respond to a wartime tasking.

Prepositioned War Reserve Replenishment Spares (\$109.0). Funds will be used to procure War Readiness Spares Kits (WRSK) for forces that would deploy to NATO and Korea. These spares are required to ensure that forces can be deployed and can operate at intense wartime rates for Aircraft for which the spares will be procured are: A-10, F-4, F-111, F-15 and F-16.

C-5 Other War Reserve Material (OWRM) Replenishment Spares (\$100.0). Funds will be used to procure spares to support The C-5 is vital to the deployment of the RDJTF/NATO committed Air Force, Army, and Marine Corps forces. Additional spares are essential if the limited number of strategic airlift aircraft are to be used effectively. Mission capability deteriorates rapidly without adequate without OWRM spares.

F-15 Video Tape for Training (\$7.0). Required for a cost increase on the F-15 cockpit TV sensor/airborne video tape recorder and for the F-5 airborne video tape recorder modification programs. Both programs are needed to enhance aircrew training - especially dissimilar air combat training. The CTVS and AVTR are used to record head set audio and video displays. The CTVS records imagery information, replacing film cameras. The AVTR data requires no processing and is immediately available for flight debriefing.

A-10 Spare Engines (\$73.8). Additional A-10 engines are required because of a reduction in projected A-10 wartime attrition rates, which generates an increase in wartime flying hours. Based on this adjustment, there is a shortfall of 69 TF-34 engines and 54 GTCP 36-50 Auxillary Power Units. This deficit equates to approximately one third of the spares requirement for wartime flying hours. Without the additional engines, the FY 1983 wartime flying hour program cannot be supported.

UH-60 Helicopters (\$30.0). Five helicopters will be procured for the Aerospace Rescue and Recovery Service and the Special Operations Force, both of which are experiencing a critical shortfall in operations helicopters (due to mission expansion and the increasing age of the helicopter inventory - approaching 20 years average). Without this procurement, the shortfall becomes more critical as mission requirements increase while the USAF helicopter force size and capabilities remain static. If procurement can be initiated now, the USAF can take advantage of the on-going rate production on the Army UH-60 production line.

Aircraft Mods (\$43.0). Required for restoration of programs used as a source of financing for higher priority aircraft replenishment spares (Reprogramming Request #FY81-16N, 24 Feb 81). Included are: TF-41 Turbine Improvement and Digital Scan Converter for the A-7; Ejection Seats, Low Altitude Warning, and INS Replacement for the F-4G; Support Equipment for the EF-111 Tactical Jamming System; Weather Radar for the C-5; Flight Data Recorder for the C-141; Fuel Savings Advisory System for the C-135; and VHF/FM and HF Radios for several aircraft types.

Modernization. (\$175.5)

F-15 Aircraft (\$40.0). Funds will be used to procure long lead items for 12 additional aircraft being requested in FY 1982. Without this long lead procurement, production cannot be increased in FY 1982 to achieve a more economical rate.

46 A-10s/14 Two-Seat A-10s (\$34.0). Long lead funding for 46 A-10s will be continued through Sep 1981, supporting the 46 A-10s being requested in the FY 1982 Budget Amendment. Also, long lead item procurement will be initiated for the 14 two-seat A-10s being requested in the amendment.

F-5F Aircraft (\$7.0). Provides long lead time items in support of 3 aircraft being requested in the FY 1982 Budget Amendment. The aircraft will be used as part of the aggressor force for Dissimilar Aerial Combat Tactics (DACT) training (Red Flag) at Nellis AFB.

B-52 SPF Mods (\$2.0). Provides expanded conventional weapons carrying capability for B-52H aircraft committed to the Rapid Deployment Joint Task Force (RDJTF). These aircraft currently can carry only 27 MK-82 weapons internally and have no external capability. This mod adds external carriage capability, increasing the payload by 24 weapons.

Have Quick (\$13.0). Expands the interim anti-jam UHF radio program to include additional airborne capability to support tactical and RDJTF operations. The final 2081 mod kits, 82 timing sets, support equipment, and WRSK/ BLSS spares will be procured. Interoperability with other Services is assured because Have Quick has been adopted as the U.S. standard by the JCS.

Purchase American Airlines 707 (\$55.5). Will procure six aircraft and their spares to replace the current range instrumentation aircraft and one aircraft for use as an airborne launch control center for the MX. Additionally, funds will be used to procure JT-3D engines and equipment to re-engine eighteen special mission C-135 aircraft. This latter action will avoid costs of \$1.5M per aircraft to upgrade the J57 engines in those aircraft and will add significantly to aircraft performance: 30% thrust increase; 14% fuel savings, and 60% noise reduction.

National Foreign Intelligence Program (\$24.0). Classified projects, special access only.

Program Decreases. (-\$179.9)

Inflation Adjustment. (-\$179.8)

On 18 Feb 1981, the Office of Management and Budget issued revised rates which anticipate a lower amount of inflation than was forecast in the Carter FY 1982 Budget. The revised rates caused a complete restructure of FY 1981 pricing for this appropriation.

Efficiencies. (-\$.1)

The Office of Management and Budget directed a reduction for Consultant Services. An intensive review will be done to avoid marginal projects and to restructure planned effort where possible to achieve the reduction in the Industrial Facilities program.

APPROPRIATION LANGUAGE SHEET

Missile Procurement, Air Force

For an additional amount for "Missile procurement, Air Force, 1981/1983", \$209,369,000, to remain available for obligation until September 30, 1983.

DEPARTMENT OF THE AIR FORCE
MISSILE PROCUREMENT, AIR FORCE
PROGRAM & FINANCING SCHEDULE
(\$ in Thousands)

	FY 1981 Request <u>Pending</u>	<u>Supplemental</u> Program <u>Increases</u>	Program <u>Decreases</u>	FY 1981 Revised <u>Request</u>
<u>Direct Program:</u>				
1. Ballistic Missiles		-	-1,874	-1,874
2. Other Missiles	159,500	-15,232	144,268	
3. Modification of Inservice Missiles	10,100	-1,880	8,220	
4. Spares and Repair Parts	14,000	-2,428	11,572	
5. Other Support	64,500	-17,317	47,183	
Total Direct Program	248,100	-38,731	209,369	
Reimbursable (total)	-	-	-	
Total	248,100	-38,731	209,369	
Financing (net)	-	-	-	
Budget Authority	248,100	-38,731	209,369	
Outlays			21,063	

DEPARTMENT OF THE AIR FORCE
MISSILE PROCUREMENT, AIR FORCE
NARRATIVE JUSTIFICATION
(\$ In Millions)

Justification of FY 1981 Program Supplemental

Program Increases

Fact-of-Life (\$131.7)

GLCM Cost Growth (\$67.6) - Funds are needed to cover increased procurement costs of the transporter erector launcher, launch control center, weapon control system, training and maintenance support equipment. Production estimates have been repriced and reflect increased costs. Funds are necessary to ensure that weapon system meets initial operational capability date of December 1983 in the United Kingdom.

AIM-7F Modification (\$10.1) - Acceleration of the modification, to update missiles already produced, and to correct identified performance deficiencies.

Titan IIID Production Capability (\$8.0) - Provides for advance procurement of materials for two sets of Titan III (34)D liquid rocket engines. The funds for the production of these engine sets are included in the 82 column of the President's FY 1982 Budget.

Transtage (IUS Backup) (\$46.0) - Procures two transtages which will be integrated with the Titan III (34)D to provide a backup to the Titan III (34)D/Inertial Upper Stage (IUS) launches in case of further delay in the IUS program.

Modernization (\$116.4)

AIM-7/AIM-9/AGM-65 Missiles (\$105.9) - There is a current inventory shortage of tactical air missiles. This request will help remedy the problem by accelerating procurement of 295 AIM-7M Sparrow air-to-air radar guided missiles, and 1020 AIM-9M Sidewinder air-to-air heat seeking missiles and associated spares.

NFIP (\$10.5) - These funds are added to Special Programs. The requirements are of a sensitive nature requiring special access.

Program Decreases

Inflation Adjustment (\$38.7) - Economic assumptions were revised in February 1981 to reflect lower-than- anticipated inflation rates. These dollar amounts result from the application of those rates.

APPROPRIATION LANGUAGE SHEET

1982 Budget Appendix Page	Heading	1981 Supplemental Request Pending	1981 Proposed Amendment	1981 Revised Request
III-19	Other Procurement, Air Force	4,000,000	138,706,000	142,706,000

DEPARTMENT OF THE AIR FORCE
 OTHER PROCUREMENT, AIR FORCE
 PROGRAM & FINANCING SCHEDULE
 (\$ in Thousands)

	FY 1981 Request <u>Pending</u>	<u>Supplemental</u>		FY 1981 Revised <u>Request</u>
		Program Increases	Program Decreases	
<u>Direct Program:</u>				
1. Munitions and Associated Equipment	-	68,000	6,856	61,144
2. Vehicular Equipment	-	-	3,924	-3,924
3. Electronics and Telecommunications Equipment	-	25,500	16,804	8,696
4. Other Base Maintenance and Support Equipment	4,000	91,700	18,910	76,790
Total Direct Program	4,000	185,200	46,494	142,706
Reimbursable (total)	-	-	-	-
Total	4,000	185,200	46,494	142,706
Financing (net)	-	-	-	-
Budget Authority	4,000	185,200	46,494	142,706
Outlays	400			15,880

DEPARTMENT OF THE AIR FORCE
OTHER PROCUREMENT, AIR FORCE
NARRATIVE JUSTIFICATION
(\$ In Millions)

Justification of FY 1981 Program Supplemental

Pending Request.

Readiness (\$4.0).

Water Treatment Equipment (\$4.0) - This equipment will provide the capability to locate, desalt, and store water for human consumption. This is a basic life sustaining requirement since the possible deployment regions in Southwest Asia have insufficient quantities of natural potable water available.

Program Increases.

Fact-of-Life (\$2.8).

Elegant Lady (\$2.8) - This is a JCS directed classified effort. The requirement was not identified in time for inclusion in the FY 81 President's Budget.

Readiness (\$68.0)

Training munitions (\$68.0) - This will procure 60,000 additional MK-82 500 pound bombs filled with sand or vermiculite for aircrew training; 775,760 additional BDU-33 practice bombs which will permit restoration of stock levels and preclude direct shipments or intracommand redistribution for minimum training; and 1,900,000 additional rounds of 30mm training cartridges in support of A-10 aircrew training. Provides minimum training items to allow existing, required aircrew training programs to be completed.

Modernization (\$114.4)

have Quick (\$14.0) - This will provide an interim jam resistant secure voice capability for ground-to-air communications with tactical aircraft. These funds procure the remaining ground modification kits, timing sets, and required support equipment.

RDJTF (WCS-3/MOBCRYSPTFAC) (\$11.5) - These funds will provide the RDJTF HQ with a mobile cryptologic support facility for use during deployment.

NFIP (\$88.9) - This program is addressed in other classified justification material.

Program Decreases

Inflation Adjustment (\$46.5) - Economic assumptions were revised in February 1981 to reflect lower-than-anticipated inflation rates. This dollar amount results from the application of those rates.

APPROPRIATION LANGUAGE SHEET

1982 Budget Appendix Page	1981 Heading	1981 Supplemental Request Pending	1981 Proposed Amendment	1981 Revised Request
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III-20	Military Construction, Air Force	30,000,000	94,100,000	124,100,000
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(In the appropriation language
under the above heading delete
"\$30,000,000 which" and insert
in lieu thereof: \$124,100,000,
of which \$77,000,000).
48

DEPARTMENT OF THE AIR FORCE
MILITARY CONSTRUCTION, AIR FORCE
PROGRAM AND FINANCING SCHEDULE
(\$ Thousands)

	<u>FY 1981</u>	<u>Supplemental</u>	<u>Program</u>	<u>Program</u>	<u>FY 1981</u>
	<u>Request</u>	<u>Increases</u>	<u>Decreases</u>	<u>Revised</u>	<u>Request</u>
	<u>Pending</u>				

Program by Activities

Direct Program:

1. Major Construction	61,740	15,000	46,740
2. Minor Construction	860		860
3. Planning	30,000	46,500	76,500
4. Supporting Activities			
Total direct program	30,000	109,100	124,100

Reimbursable (total)

Total Program	30,000	124,100
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Financing (net)

Budget Authority	30,000	124,100
Outlays	3,000	12,500

AIR FORCE

FY 1981 MCP SUPPLEMENTAL REQUEST

	(\$000)	AUTHORIZATION	APPROPRIATION
Carter FY 1981 Supplemental	0	+30,000	
Reagan FY 1981 Supplemental			
Increases	+56,100	+109,100	
Decreases	0	-15,000	
New FY 1981 Supplemental Request	<u>+56,100</u>	<u>+124,100</u>	

DETAILED CONTENTS OF REQUEST:

<u>INSTALLATION</u>	<u>PROJECT</u>	<u>AUTHORIZATION</u>	<u>APPROPRIATION</u>
<u>CARTER SUPPLEMENT</u>			
Var Loc	Planning and Design	0	+30,000*
<u>REAGAN SUPPLEMENT</u>			
<u>INCREASES</u>			
Laughlin AFB, TX	Logistics complex	+4,700	+4,700
Maxwell AFB, AL	ADAL Technical Library	0	+6,500
K.I. Sawyer AFB MI	Sound Suppressor Support	+540	+540
Cannon AFB, NM	Fac		
	Sound Suppressor Support	+420	+420
	Fac (Minor Construction)		
Luke AFB, AZ	Sound Suppressor Support	+440	+440
	Fac (Minor Construction)		
Class Loc-CONUS	Support Facilities-TIADS	+50,000	+50,000
Var Loc	Planning and Design-	0	+26,500*
	Shortfall		
Var Loc	Planning and Design-		
	RDJTF	0	+20,000*
Subtotal Reagan Increases		<u>+56,100</u>	<u>+109,100</u>
TOTAL INCREASES		<u>+56,100</u>	<u>+139,100</u>
<u>DECREASES</u>			
			-15,000

This is in anticipation of reduced inflation. To accommodate this reduction, projects will be reduced during implementation of the FY 1981 MCP.

*Combined into single DD Form 1391.

DEPARTMENT OF THE AIR FORCE
MILITARY CONSTRUCTION, AIR FORCE
NARRATIVE JUSTIFICATION
(\$ Thousands)

Justification of FY 1981 Program Supplemental

Pending Request (\$30,000)

Fact-of-Life. The Planning and Design account is severely underfunded largely as a result of usage of FY81 and prior funds against unforeseen requirements in design for MX and for the RDF support facilities which were added by the FY81 Amendment, and for FY82 and follow on RDF requirements that surface as the new program becomes better defined. These newly identified requirements diverted far more than this requested \$30 million from our other Milcon requirements resulting in actual and projected delays in design completion beyond availability of construction funding.

Amendment Program Increases (\$109,100)

Fact-of-Life. The TIADS Milcon addition of \$50 million was necessary to avail of on-site construction contractor thereby saving \$10 million in construction cost. Sound Suppressor foundations at \$1.4 million were needed to meet equipment delivery dates to avoid storage of equipment and to help ease noise pollution complaints. The Milcon Design Shortfall of \$26.5 million is necessary to permit proceeding to Congressionally directed design percentage completion on FY82 and FY83 programs while the Milcon Design for RDJTF at \$20 million will permit similar progress on that unique program. The \$5.1 million for the Laughlin MCP Base Supply allows correction of extreme facility deficiency both in quantity and quality of space, while the \$6.5 million Maxwell AFB facilities provides funds for pressing requirement authorized in FY81 but for which appropriations ceilings could not permit funding.

Amendment Program Decreases (\$15,000)

Inflation Adjustment

The reduction of \$15 million is possible through reductions in inflation that will be realized with new economic programs being introduced in the overall US Budget.

1. COMPONENT AIR FORCE	81 FY 19 MILITARY CONSTRUCTION PROGRAM								2. DATE	
3. INSTALLATION AND LOCATION LAUGHLIN AIR FORCE BASE, TEXAS				4. COMMAND AIR TRAINING COMMAND				5. AREA CONSTR COST INDEX .89		
6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 Sep 79	440	1,623	553	363	0	0	13	8	0	3,000
b. END FY 19 85	460	1,730	560	460	0	0	13	8	0	3,231
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (5,306)										
b. INVENTORY TOTAL AS OF										
c. AUTHORIZATION NOT YET IN INVENTORY										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	4,700									
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										
f. PLANNED IN NEXT THREE PROGRAM YEARS										
g. REMAINING DEFICIENCY										
h. GRAND TOTAL	4,700									
8. PROJECTS REQUESTED IN THIS PROGRAM:										
CATEGORY CODE	PROJECT TITLE			SCOPE	COST (\$000)		DESIGN STATUS START COMPLETE			
442-758	Logistics Complex			LS	4,700*		Sep 80	Sep 81		
Total				4,700						
9. Future Projects: As Required.										
10. Mission or Major Functions: A Flying Training Wing. Conducts classroom and flying training required to develop proficiency of undergraduate pilots in T-37 and T-38 aircraft.										

*Included in FY 81 Budget Supplement.

1 COMPONENT AIR FORCE	FY 19 ⁸¹ MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3 INSTALLATION AND LOCATION LAUCHLIN AIR FORCE BASE, TEXAS		4 PROJECT TITLE LOGISTICS COMPLEX		
5 PROGRAM ELEMENT 8.57.96	6 CATEGORY CODE 442-758	7. PROJECT NUMBER	8. PROJECT COST (\$000) 4,700	
9 COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
Logistic Complex.....	LS			3,860
Warehouse.....	SF	89,200	31.00	(2,765)
Administration.....	SF	16,850	65.00	(1,095)
Supporting Facilities.....	LS			403
Electric.....	LS			(147)
Water, Sanitary Sewer, Gas.....	LS			(126)
Site Improvements.....	LS			(81)
Roads, Parking and Walks.....	SY	3,290	13.70	(45)
Communication Support.....	LS			(4)
Subtotal.....				4,263
Contingency (5%).....				213
Total Contract Cost.....				4,476
Supervision, Inspection and Overhead (5%)....				224
Total Request.....				4,700
10 DESCRIPTION OF PROPOSED CONSTRUCTION Concrete foundations and floors, masonry walls, steel frame and built-up roof. Included are supply warehouse, administrative space, support space and utilities. Air Conditioning - 40 Tons.				
11. REQUIREMENT: 106,050 SF Adequate: 0 Substandard: 116,684 SF. PROJECT: Construction of a logistics complex. <u>REQUIREMENT:</u> A facility of adequate size and configuration is required for the storage of bulk and bin items to support base and flying operations. Functions associated with these support activities include receiving, processing, storing, controlling and issuing parts and supplies. <u>CURRENT SITUATION:</u> Currently these activities are housed in a twenty-eight year old facility that was built with a ten-year life expectancy. The timber roof trusses have been failing with increasing frequency over the past several years. Although major repairs have been accomplished, they have been merely stop gap measures. The condition of the facility is such that all or part of the roof structure could fail without warning at any time. Wind loads, coupled with already overloaded truss members due to load shifts caused by failures in adjacent truss members, contribute to the high potential risk of a domino effect major failure. <u>IMPACT IF NOT PROVIDED:</u> High value materials and assigned personnel will continue to be subjected to increasing safety hazards due to the potential structural failure of the roof system.				

1. COMPONENT AIR FORCE	FY 19 ⁸¹ MILITARY CONSTRUCTION PROGRAM								2. DATE		
3. INSTALLATION AND LOCATION MAXWELL AIR FORCE BASE, ALABAMA				4. COMMAND AIR TRAINING COMMAND				5. AREA CONSTR COST INDEX .89			
6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL	
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN		
a. AS OF 30 Sep 79	620	1,432	1,582	1298	84	12	74	1	0	5,103	
b. END FY 19 85	800	1,450	1,640	1298	84	12	74	1	0	5,359	
7. INVENTORY DATA (\$000)											
a. TOTAL ACREAGE	3,477										
b. INVENTORY TOTAL AS OF	.....									
c. AUTHORIZATION NOT YET IN INVENTORY	.....									
d. AUTHORIZATION REQUESTED IN THIS PROGRAM										6,500
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	.....									
f. PLANNED IN NEXT THREE PROGRAM YEARS	.....									
g. REMAINING DEFICIENCY	.....									
h. GRAND TOTAL										6,500
8. PROJECTS REQUESTED IN THIS PROGRAM:											
CATEGORY	CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS	START	COMPLETE				
	171-356	Add to and Alter Technical Library	130,500 SF	6,500 *	May 30	Sep 81*					
Total											6,500
9. Future Projects: As Required.											
10. Mission or Major Functions: A Logistics and Base Support Center for scholastic training. Includes Air War College, Air Command and Staff College, Air Force ROTC Headquarters, Squadron Officers School, Professional Development Institute, and Tactical Airlift Group (Air Reserve).											
* Included in FY 81 Budget Supplement											

1 COMPONENT AIR FORCE	FY 1981 MILITARY CONSTRUCTION PROJECT DATA			2 DATE
3 INSTALLATION AND LOCATION MAXWELL AIR FORCE BASE, ALABAMA			4 PROJECT TITLE ADD TO AND ALTER TECHNICAL LIBRARY	
5 PROGRAM ELEMENT 8.57.96	6 CATEGORY CODE 171-356	7 PROJECT NUMBER	8 PROJECT COST (\$000) 6,500	
9 COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
Add to and Alter Technical Library.....	SF	130,500		5,079
Addition.....	SF	(40,500)	66.65	(2,699)
Alteration.....	SF	(90,000)	26.45	(2,380)
Supporting Facilities.....				817
Utilities.....	LS			(278)
Site Improvement.....	LS			(539)
Subtotal.....				5,896
Contingency (5%).....				294
Total Contract Cost.....				6,190
Supervision, Inspection & Overhead (5%).....				310
Total Request.....				6,500
10 DESCRIPTION OF PROPOSED CONSTRUCTION Concrete foundations, floor slabs walls and roof. Includes exterior wall cladding and all electrical, mechanical and structural alterations required to provide an effective, functional facility. Includes reading rooms, book and periodical stacks, historical archives, administrative space, support space and utilities.				
11. REQUIREMENT: 130,500 SF ADEQUATE: 0 SUBSTANDARD: 90,000 SF <u>PROJECT:</u> Construction of an addition to and alterations of the technical library. <u>REQUIREMENT:</u> Adequate space with proper environmental controls is required to accommodate the Air University Technical Library functions and the Air Force's historical research center. Together these activities constitute one of the nation's most extensive and valuable collections of source materials on contemporary AF operations and the history of U.S. Military Aviation. <u>CURRENT SITUATION:</u> The existing facility is inadequate to properly accommodate the rapidly expanding library and research center activities. Currently the combined holdings total approximately 1.9 million items including books, periodicals, and historical documents. Within ten years, at the present growth rate, this total will be near the 3 million mark. In spite of management efforts to restrict growth by reducing periodicals, withdrawal of obsolete materials and extensive use of microform, the existing facility is severely overcrowded. This project will provide the necessary alterations and expansion to accommodate the current overcrowding and the essential growth space. <u>IMPACT IF NOT PROVIDED:</u> Without this project, educational and research services will be severely handicapped.				

1. COMPONENT AIR FORCE	FY 19 ⁸¹ MILITARY CONSTRUCTION PROGRAM						2. DATE			
3. INSTALLATION AND LOCATION K. I. SAWYER AIR FORCE BASE, MICHIGAN			4. COMMAND STRATEGIC AIR COMMAND			5. AREA CONSTRA COST INDEX 1.15				
6. PERSONNEL STRENGTH.	PERMANENT			STUDENTS		SUPPORTED		TOTAL		
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 Dec 79	478	3223	423	0	0	0	25	7	0	4156
b. END FY 19 85	480	3260	420	0	0	0	25	7	0	4192
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE	6,357									
b. INVENTORY TOTAL AS OF										
c. AUTHORIZATION NOT YET IN INVENTORY										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	540									
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										
f. PLANNED IN NEXT THREE PROGRAM YEARS										
g. REMAINING DEFICIENCY										
h. GRAND TOTAL	540									
8. PROJECTS REQUESTED IN THIS PROGRAM:										
CATEGORY CODE	PROJECT TITLE	SCOPE	COST		DESIGN STATUS					
			(\$000)		START	COMPLETE				
211-193	Sound Suppressor Support	LS	540 *	Sep 80	Jul 81					
	Total		540							
9. Future Projects: As Required.										
10. Mission or Major Functions: Active mission support activities include a Heavy Bombardment Operational Wing including one B-52 squadron and one KC-135 squadron which maintain a bomber and tanker alert force; and a Tactical Air Command F-106 tenant fighter interceptor squadron performing air defense and maintaining an alert force.										

* Included in the FY 81 Supplement.

1. COMPONENT AIR FORCE	81 FY 19 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3. INSTALLATION AND LOCATION K. I. SAWYER AFB, MICHIGAN		4. PROJECT TITLE SOUND SUPPRESSOR SUPPORT		
5. PROGRAM ELEMENT 2.75.96	6. CATEGORY CODE 211-193	7. PROJECT NUMBER	8. PROJECT COST (\$000) 540	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
Sound Suppressor Support.....	LS			390
Supporting Facilities.....	LS			100
Subtotal.....				490
Contingency (5%).....				24
Total Contract Cost.....				514
Supervision, Inspection and Overhead (5%)....				26
Total Request.....				540
Equipment Provided from Other Appropriations.	(Non-Add)			(1,500)
10. DESCRIPTION OF PROPOSED CONSTRUCTION Reinforced concrete foundation and slab; electric; utilities; and necessary support.				
11. REQUIREMENT: As Required. PROJECT: Provide support construction and utilities to accommodate installation of a sound suppressor (Hush House) facility at K. I. Sawyer AFB, Michigan. The Hush House will be furnished through use of 3080 funds. REQUIREMENT: Sound suppressed facilities are required to perform aircraft engine test, inspection, calibration and repair. Engine runup is conducted while engines are mounted on an engine test stand and/or while still mounted on the aircraft (power check pad). The Hush House features sound suppressant qualities which eliminate health/occupational safety hazards and environmental problems associated with high noise levels created by aircraft engines operating in military power and afterburner modes. CURRENT SITUATION: Adequate sound suppressed facilities are not available to satisfy engine test stand and power check pad requirements. Engine runup results in extreme noise levels which pose an occupational health hazard for maintenance personnel and are an irritant to the neighboring community and work area. IMPACT IF NOT PROVIDED: Engine runup will continue to be conducted without adequate sound suppression. Excessive noise will be an occupational health hazard for personnel and will adversely affect base/community relations.				

1. COMPONENT AIR FORCE	FY 19 ⁸¹ MILITARY CONSTRUCTION PROGRAM								2. DATE	
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS				4. COMMAND VARIOUS				5. AREA CONSTR COST INDEX		
6. PERSONNEL STRENGTH: a. AS OF b. END FY 19	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE										
b. INVENTORY TOTAL AS OF										
c. AUTHORIZATION NOT YET IN INVENTORY										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM										
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										
f. PLANNED IN NEXT THREE PROGRAM YEARS										
g. REMAINING DEFICIENCY										
h. GRAND TOTAL										
8. PROJECTS REQUESTED IN THIS PROGRAM:										
CATEGORY	CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS					
				\$860*	START	COMPLETE				
	010-211	Minor Construction (Specified- LS Sound Suppressor Support)								

* Included in the FY 81 Supplement.

1. COMPONENT AIR FORCE	FY 19 ⁸¹ MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS			4. PROJECT TITLE MINOR CONSTRUCTION (SPECIFIED-SOUND SUPPRESSOR SUPPORT)	
5. PROGRAM ELEMENT 2.75.96	6. CATEGORY CODE 010-211	7. PROJECT NUMBER	8. PROJECT COST (\$000) 860	
9. COST ESTIMATES				
ITEM Sound Suppressor Support (2 EA).....		U/M LS	QUANTITY	UNIT COST
				COST (\$000) 860
Equipment Provided from Other Appropriations.		(Non-Add)		(3,000)
10. DESCRIPTION OF PROPOSED CONSTRUCTION Reinforced concrete foundation and slab; electric; utilities; and necessary support.				
11. REQUIREMENT: As Required. <u>PROJECT:</u> Provide support construction and utilities to accommodate installation of a sound suppressor (Hush House) facility at 2 bases (Luke AFB, Arizona, \$440.0 and Cannon AFB, New Mexico, \$420.0). The Hush House will be furnished through use of 3080 funds. <u>REQUIREMENT:</u> Sound suppressed facilities are required to perform aircraft engine test, inspection, calibration and repair. Engine runup is conducted while engines are mounted on an engine test stand and/or while still mounted on the aircraft (power check pad). The Hush House features sound suppressant qualities which eliminate health/occupational safety hazards and environmental problems associated with high noise levels created by aircraft engines operating in military power and afterburner modes. <u>CURRENT SITUATION:</u> Adequate sound suppressed facilities are not available to satisfy engine test stand and power check pad requirements. Engine runup results in extreme noise levels which pose an occupational health hazard for maintenance personnel and are an irritant to the neighboring community and work area. <u>IMPACT IF NOT PROVIDED:</u> Engine runup will continue to be conducted without adequate sound suppression. Excessive noise will be an occupational health hazard for personnel and will adversely affect base/community relations.				

DD FORM 1 DEC 76 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

PAGE NO

1. COMPONENT AIR FORCE	FY 19 ⁸¹ MILITARY CONSTRUCTION PROGRAM						2. DATE	
3. INSTALLATION AND LOCATION VARIOUS			4. COMMAND SPECIAL PROJECT ZONE OF INTERIOR			5. AREA CONSTR COST INDEX		
6 PERSONNEL STRENGTH a. AS OF b. END FY 19	PERMANENT			STUDENTS		SUPPORTED		TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER		ENLISTED	CIVILIAN
7 INVENTORY DATA (\$000)								
a. TOTAL ACREAGE								
b. INVENTORY TOTAL AS OF								
c. AUTHORIZATION NOT YET IN INVENTORY								
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	50,000							
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM								
f. PLANNED IN NEXT THREE PROGRAM YEARS								
g. REMAINING DEFICIENCY								
h. GRAND TOTAL								
8 PROJECTS REQUESTED IN THIS PROGRAM.								
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS				
100-000	Support Facilities	LS	50,000*	START Aug 80	COMPLETE May 81			

*Included in FY 81 Budget Supplement.

1. COMPONENT AIR FORCE	FY 1981 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3. INSTALLATION AND LOCATION UNSPECIFIED		4. PROJECT TITLE SUPPORT FACILITIES		
5. PROGRAM ELEMENT 2.75.96	6. CATEGORY CODE 100-000	7. PROJECT NUMBER	8. PROJECT COST (\$000) 50,000	
9. COST ESTIMATES				
ITEM Special Facilities.....		U/M LS	QUANTITY	UNIT COST
				COST (\$000) <u>50,000</u>
Total Request..... 50,000				
10. DESCRIPTION OF PROPOSED CONSTRUCTION Provides facilities for special project.				

DD FORM 1 DEC 76 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

PAGE NO

1. COMPONENT AIR FORCE	FY 19 ⁸¹ MILITARY CONSTRUCTION PROGRAM								2. DATE	
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS			4. COMMAND N/A				5. AREA CONSTR COST INDEX			
6. PERSONNEL STRENGTH: a. AS OF b. END FY 19	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE										
b. INVENTORY TOTAL AS OF										
c. AUTHORIZATION NOT YET IN INVENTORY										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM										
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										
f. PLANNED IN NEXT THREE PROGRAM YEARS										
g. REMAINING DEFICIENCY										
h. GRAND TOTAL										
8. PROJECTS REQUESTED IN THIS PROGRAM:										
CATEGORY	CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS					
	010-111	Planning and Design *	LS	76,500	START	COMPLETE				
	(31 USC 723)	Total		76,500						
9. Future Projects: As Required.										
10. Mission: Various										
* \$26.5 Mil included in FY 81 Reagan Budget Supplement.										
* \$30 Mil included in FY 81 Carter Budget Supplement for RDJTF.										
* \$20 Mil included in FY 81 Reagan Budget Supplement for RDJTF										

1 COMPONENT AIR FORCE	FY 1981 MILITARY CONSTRUCTION PROJECT DATA			2 DATE												
3 INSTALLATION AND LOCATION VARIOUS LOCATIONS		4 PROJECT TITLE PLANNING AND DESIGN														
5 PROGRAM ELEMENT 9.12.11	6 CATEGORY CODE 010-111	7 PROJECT NUMBER	8 PROJECT COST (\$000) 76,500													
9 COST ESTIMATES																
ITEM	U M	QUANTITY	UNIT COST	COST (\$000)												
Planning and Design.....	LS			76,500												
Total Request.....				76,500												
10 DESCRIPTION OF PROPOSED CONSTRUCTION The funds requested will be used to provide financing for project planning and design for Air Force Military Construction Programs.																
<p>11. REQUIREMENT: These funds are essential in supporting design of the Rapid Deployment Joint Task Force (RDJTF) initiatives in the Persian Gulf/ Indian Ocean, the MX program and other vital projects in all facility categories. To support these programs we need a total of \$76.5 million in additional design funds in FY 1981 over and above the funds already provided by Congress. This deficit arose because of several reason. Design requirements for the RDJTF and MX program have expanded considerably since submittal of the FY 1981 budget, as additional bases and facility requirements were incorporated into these programs. This was aggravated by the Congressional reduction to \$7 million of our initial request for RDJTF design for \$25 million in the FY 1980 Supplemental.</p> <p>These design funds are needed to keep major Air Force programs going. If they are not provided either these programs will have to be delayed or design of many other projects deferred. Summary of requirements are as follows:</p> <table> <thead> <tr> <th colspan="3">FY 81 DESIGN REQUIREMENTS \$MIL</th> </tr> <tr> <th><u>FY 81 REQMT</u></th> <th><u>ENACTED</u></th> <th><u>DEFICIT</u></th> </tr> </thead> <tbody> <tr> <td>RDJTF, MX, OTHER</td> <td>239.3</td> <td>139.4</td> </tr> <tr> <td></td> <td></td> <td>99.9</td> </tr> </tbody> </table>					FY 81 DESIGN REQUIREMENTS \$MIL			<u>FY 81 REQMT</u>	<u>ENACTED</u>	<u>DEFICIT</u>	RDJTF, MX, OTHER	239.3	139.4			99.9
FY 81 DESIGN REQUIREMENTS \$MIL																
<u>FY 81 REQMT</u>	<u>ENACTED</u>	<u>DEFICIT</u>														
RDJTF, MX, OTHER	239.3	139.4														
		99.9														

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PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

PAGE NO

APPROPRIATION LANGUAGE SHEET

Military Construction, Air National Guard

For an additional amount for "Military construction, Air National Guard, 1981/1985", \$6,500,000, to remain available for obligation until September 30, 1985.

DEPARTMENT OF THE AIR FORCE
 MILITARY CONSTRUCTION, AIR NATIONAL GUARD
 PROGRAM AND FINANCING SCHEDULE
 (\$ Thousands)

	<u>FY 1981</u> <u>Request</u> <u>Pending</u>	<u>Amendment</u> <u>Program</u> <u>Increase</u>	<u>Program</u> <u>Decrease</u>	<u>FY 1981</u> <u>Revised</u> <u>Request</u>
Program by Activity				
Direct Program				
1. Major Construction	6,500			6,500
2. Minor Construction				
3. Planning				
Total Direct Program	6,500			6,500
Reimbursable (Total)				-0-
Total Obligations				6,500
Financing (net)				
Budget Authority				6,500
Outlays				300

DEPARTMENT OF THE AIR FORCE
MILITARY CONSTRUCTION, AIR NATIONAL GUARD
NARRATIVE JUSTIFICATION
(\$ Thousands)

Justification of FY 1981 Program Supplemental

Amendment Program Increases

<u>Fact-of-life</u>	6,500
<u>AFR/ANG Beddown (Barnes, MA) (F14)</u>	4,500

Construction of four (4) facilities at Barnes MAP, MA is essential to the operation and maintenance of the A-10A aircraft. These projects were originally included in FY 1979 and FY 1980 ANG Military Construction Programs. Due to a relocation study, these projects had been deferred. Now it has been established that the 104th TFG will remain at Barnes. These four facilities must be provided; otherwise, a further delay of these projects would adversely impact on the unit's mission readiness and a potentially unsafe aircraft operation.

<u>Test Engine Sound Suppressors (F24)</u>	2,000
--	-------

Power check pads with suppressor (Hush House Foundations) provide support construction and utilities to accommodate installation of aircraft engine sound suppressor facilities. A sound suppressor is essential for aircraft engine test, inspection, calibration and repair. These facilities are designed to eliminate health/occupational safety hazards and environmental problems that affect the personnel on base as well as civilian communities.

APPROPRIATION LANGUAGE SHEET

Research, Development, Test, and Evaluation, Air Force

For an additional amount for "Research, development, test, and evaluation, Air Force, 1981/1982", \$330,900;000, to remain available for obligation until September 30, 1982.

DEPARTMENT OF THE AIR FORCE
 RESEARCH, DEVELOPMENT, TEST & EVALUATION, AIR FORCE
 PROGRAM & FINANCING SCHEDULE
 (\$ in Thousands)

	FY 1981 Request <u>Pending</u>	<u>Supplemental</u> Program <u>Increases</u>	Program <u>Decreases</u>	FY 1981 Revised Request
<u>Direct Program:</u>				
1. Technology Base			-3,753	-3,753
2. Advanced Technology Development	4,100		-892	3,208
3. Strategic Programs	54,100		-8,406	45,694
4. Tactical Programs	252,800		-4,320	248,480
5. Intelligence and Communications	16,400		-989	15,411
6. Defensewide Mission Support	25,000		-3,140	21,860
Total Direct Program	352,400		-21,500	330,900
Reimbursable (total)				
Total				330,900
Financing (net)				
Budget Authority				330,900
Outlays				198,739

DEPARTMENT OF THE AIR FORCE
RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, AIR FORCE
NARRATIVE JUSTIFICATION

Justification of FY 1981 program supplemental.

Amendment Program Increases. (\$ thousands)

Fact-of-Life.

M-X. \$5,000 - Funds required for M-X Preservation of Location Uncertainty (PLU) efforts. PLU is a program designed to deny unauthorized generation of, or access to, information which could provide M-X missile/simulator location.

AMRAAM Operational Utility Evaluation. \$1,500 - Funds provide foreground simulation and analysis using man-in-the-loop air combat simulators to evaluate the operational utility of AMRAAM with/without track-while-scan radar and beyond visual range identification in a realistic combat scenario.

CONUS Over the Horizon Radar. \$4,000 - Provides for studies, data collection, and analysis to determine OTH-B operational utility for northern surveillance.

B-52 Squadrons. \$20,000 - Funds completion of electromagnetic pulse (EMP) and associated nuclear effects analysis on B-52 aircraft. Also funds EMP testing on offensive avionics systems and cruise missile carriage modified aircraft.

Protective Systems. \$10,000 - Details require special access.

Aircraft Avionics Equipment Development. \$3,000 - Funds development of airframe and simulator software and support equipment for the Fuel Savings Advisory System (FSAS) for the C-5, C-141, and C-135 aircraft. The FSAS will provide fuel savings of at least 3 percent of trip fuel for the C-5, C-141, and C-135.

Ground Launched Cruise Missile. \$41,400 - Funds required to achieve the directed FY 83 Initial Operational Capability (IOC) in the United Kingdom and a Full Operational Capability (FOC) in FY 88.

Advanced Conventional Standoff Missile. \$14,000 - Enables Air Force to initiate Air Force unique Medium Range Air to Surface Missile (MRASM) program in FY 81. A standoff airfield attack missile version of the TOMAHAWK cruise missile will be developed using low cost guidance and propulsion. Also provides for integration of MRASM into the B-52D.

C-130 Airlift Squadrons. \$9,000 - Funds ground and flight testing of advanced Short Takeoff and Landing modifications existing on C-130 test aircraft. Testing includes unique avionics and propulsion subsystems and aerodynamic options such as larger flaps, ailerons, and horizontal/vertical control surfaces.

Readiness.

Defense Support Program. \$15,000 - Funds survivability enhancements to DSP satellites 14-17. Funds are critical to meet launch schedule requirements.

Integrated Operational NUDETS Detection System (IONDS). \$4,000 - Initiates development of data cross links to transmit NUDETS data from one satellite to another to decrease vulnerability.

Minimum Essential Emergency Communications Network. \$1,000 - Funds improvements to include upgrading the world-wide airborne command post (WWABNCP) transmitter trailing-wire antenna and accelerating diversity reception equipment development.

WWMCCS Architecture. \$5,000 - Funds WWMCCS Information System (WIS) modernization and the WWMCCS Information Network (WIN) upgrade. WIS upgrade provides for critical replacement of the ADP systems currently used in WWMCCS. WIN upgrade funding provides for critical enhancements to the network for increased reliability and performance.

C-141 Airlift Squadrons. \$7,000 - Provides improved formation position, control, and airdrop of supplies during adverse weather conditions by eliminating interference inherent in present equipment. Interference currently causes such indications as (1) display of non-existent aircraft as targets, (2) false proximity warnings, and (3) incorrect system problem warning indications.

Modernization.

Precision Location Strike System. \$48,000 - Restores FY 81 funding to the funding level contained in the original FY 81 budget request.

OMEGA. \$30,000 - Details require special access.

Aviation Turbine Fuel Technology. \$4,100 - Provides for test of shale derived fuels in existing aircraft and aircraft subsystems. Fuels will be tested in turbine engines for the F-15, F-16 and F-4 aircraft.

Low Altitude Airfield Attack System. \$66,000 - Funds renewal of US participation in the joint USAF/RAF JP-233 program.

Space Launch Support. \$25,000 - Funds required to reimburse NASA for the integration and operation of the BATSON II COMSEC equipment to the telemetry, tracking, and control link of the Tracking and Data Relay Satellite System.

Night Attack Program. \$5,000 - Provides for LANTIRN/A-10 integration development within the timeframe required to meet the flight test schedule. Also, funds for target recognizer evaluation.

NFIP. \$11,400 - Details require special access.

Special Programs. \$3,000 - Details require special access.

TAC C³ Counter-Measures. \$10,500 - Funds the development of a part-task trainer (simulator) for COMPASS CALL C-130 mission crews. The trainer simulates conditions that would otherwise only be seen during time of war, also funds development efforts to resolve known limitations in the COMPASS CALL aircraft.

Chem/Bio Defense Equipment. \$1,900 - The Big Eye binary chemical weapon is being developed by the Navy and requires \$3.8M in FY 81 to continue the RDT&E. The Air Force has committed to provide \$1.9M to the Navy to fund a portion of the Navy requirement which will allow continuation of the Big Eye development.

Advanced Assault Breaker Development. \$2,500 - Funds completion of the air-to-surface demonstration for the air launched assault breaker in FY 82 as planned to allow six months earlier IOC.

Space Communications. \$5,100 - Provides command centers.

Amendment Program Decreases.

Inflation Adjustment.

Revised Economic Assumptions. \$15,000 - The President's Budget submitted in January included price inflation increases that have now been determined to be higher than those expected as a result of current economy measures being implemented by the present administration.

Efficiencies.

Travel Costs. \$4,700 - It is anticipated the cost of Air Force travel will be reduced by this amount as a result of economy measures implemented to consolidate trips, reduce travelers, utilize special fares, and other management techniques.

Consultant Contracts. \$1,800 - Executive direction on government use of consultant services will result in this savings. Management's use of in-house services and elimination of selected services will be applied.

APPROPRIATION LANGUAGE SHEET

1982 Budget Appendix Page	Heading	1982 Budget Request Pending	1982 Proposed Amendment	1982 Revised Request
I-G3	Military Personnel, Air Force	10,270,700,000	286,120,000	10,556,820,000

DEPARTMENT OF THE AIR FORCE
MILITARY PERSONNEL APPROPRIATION, AIR FORCE
PROGRAM AND FINANCING SCHEDULE
(\$ Thousands)

<u>Program by Activities</u>	FY 1982 <u>Request Pending</u>	<u>Amendment</u>		FY 1982 <u>Revised Request</u>
		<u>Program Increase</u>	<u>Program Decrease</u>	
Direct Program:				
1. Strategic forces	1,951,430	37,938	7,364	1,982,004
2. General purpose forces	2,567,673	91,791	9,689	2,649,775
3. Intelligence and communications	903,820	16,426	3,410	916,836
4. Airlift and sealift	934,632	23,358	3,527	954,463
5. Guard and reserve	30,812	532	116	31,228
6. Research and development	349,203	6,037	1,318	353,922
7. Central supply and maintenance	205,414	3,553	775	208,192
8. Training, medical and other general personnel activities	3,040,137	139,155	10,357	3,168,935
9. Administration and associated activities	236,226	4,084	891	239,419
10. Support of other nations	51,353	886	193	52,046
Total direct program	10,270,700	323,760	37,640	10,556,820
Reimbursable (total)	122,625	-	-	122,625
Total obligations	10,393,325			10,679,445
Financing (net)	10,270,700			10,556,820
Budget authority	10,270,700			10,556,820
Outlays	10,251,500			10,535,516

DEPARTMENT OF THE AIR FORCE
MILITARY PERSONNEL APPROPRIATION, AIR FORCE
PROGRAM AND FINANCING SCHEDULE
(\$ Thousands)

<u>Program by Activities</u>	FY 1982 <u>Request Pending</u>	Amendment <u>Program Increases</u>	Program <u>Decreases</u>	FY 1982 <u>Revised Request</u>
Direct Program:				
1. Pay and Allowances of Officers	2,997,617	131,980	12,800	3,116,797
2. Pay and Allowances of Enlisted	5,733,853	159,417	20,400	5,872,870
3. Pay and Allowances of Cadets	28,613			28,613
4. Subsistence of Enlisted Personnel	619,292	12,101	2,200	629,193
5. Permanent Change of Station Travel	889,721	20,262	2,240	907,743
6. Other Military Personnel Costs	1,604			1,604
Total direct program	10,270,700	323,760	37,640	10,556,820
Reimbursable (total)		122,625		122,625
Total obligations		10,393,325		10,679,445
Financing (net)		10,270,700		10,556,820
Budget authority		10,270,700		10,556,820
Outlays		10,251,500		10,535,516

DEPARTMENT OF THE AIR FORCE
MILITARY PERSONNEL, AIR FORCE
NARRATIVE JUSTIFICATION

Justification of FY 1982 budget amendment.

Program Increases (\$323,760).

Fact-of-Life (\$79,000). These funds provide the Military Personnel, Air Force appropriation with the capability to execute the required program. The underfunding of the appropriation is caused by reduced personnel losses from the Air Force which have resulted in increased longevity. In addition, Variable Housing Allowance (VHA) and Basic Allowance for Quarters (BAQ) requirements have increased based upon latest available information. Permanent Change of Station (PCS) move increases are the result of the latest actual experience. Full funding is required to permit the Air Force to support programmed end strengths and manyears.

Quality-of-Life (\$55,000). These funds provide for the continuation of aviator bonus (\$47,000) which is contained in the FY 1981 supplemental. This bonus is needed to improve retention and alleviate critical aviator shortfalls. Funds (\$8,000) are also included to implement bachelor cost-of-living allowance (COLA) for members who live in a government dormitory and subsist in a government dining hall overseas. A partial COLA (47% of the without dependent rate) would be authorized. Major overseas commanders view the lack of bachelor COLA as an issue that adversely affects morale, retention and readiness.

Readiness (\$187,360). These funds provide the personnel costs associated with increasing readiness within the Air Force. Specific items included under Air Force readiness are readiness manpower (\$121,700); Tactical Air Force maintenance (\$46,000), increase flying hours, initial skill training course length increase, C-141 Brigade Airdrop, UH-60 helicopters, and family support centers (\$19,660). The major increases are driven by readiness manpower and Tactical Air Force maintenance increases. Manpower readiness provides manpower for medical and training pipeline shortfalls. It also includes training requirements for additional military added in the supplemental and amendment plus increased medical standards requirements. Funding will reduce training shortfalls so that manning of existing mission units and readiness of those units can be improved. Tactical Air Force maintenance provides increased aircraft and munitions maintenance manpower for higher wartime sortie generation rates, greater dispersed aircraft basing and independent operation of aircraft maintenance units. The additional funding will improve mobility, command and control, and survivability of maintenance sortie generating capability.

Modernization (\$2,400). These funds provide the personnel costs associated with modernization initiatives requested by the Air Force in the FY 1982 budget amendment. Specific items included are PLSS R&D deficiency, KC-135 reengineering and modifications, additional KC-10 buy, AFTEC, Joint Communication Support Element, and NFIP.

Program Decrease (\$37,640) (Continued).

Inflation Adjustment (\$4,440). Revised inflation factors are reflected in both the FY 1981 Supplemental and FY 1982 Amendment. The new assumptions result in lower estimates for permanent change of station (\$2.240 million) and enlisted subsistence programs (\$2.200 million) than previously provided in January.

Marginal Programs (\$33,200). The continued improvement of dollar versus the German mark is expected to result in the discontinuance of the cost-of-living allowance (COLA) requirement in Germany during FY 1981. Officer and enlisted pay and allowances accounts have been adjusted to consider this reduction.

APPROPRIATION LANGUAGE SHEET

<u>1982 Budget Appendix Page</u>	<u>Heading</u>	<u>1982 Budget Request Pending</u>	<u>1982 Proposed Amendment</u>	<u>1982 Revised Request</u>
I-G7	Reserve Personnel, Air Force	299,500,000	-652,000	298,848,000

DEPARTMENT OF THE AIR FORCE
RESERVE PERSONNEL, AIR FORCE
PROGRAM AND FINANCING SCHEDULE
(\$ Thousands)

	FY 1982 <u>Request</u> <u>Pending</u>	<u>Amendment</u>	FY 1982 <u>Revised</u> <u>Request</u>
	<u>Program</u> <u>Increases</u>	<u>Program</u> <u>Decreases</u>	
<u>Program by Activities</u>			
Direct Program:			
1. Unit and Individual Training	168,230		168,230
2. Other Training and Support	131,270	300	952
Total Direct Program	299,500	300	952
Reimbursable (Total)	819		819
Total Obligations	300,319		299,667
Financing (Net)	-819		-819
Budget Authority	299,500		298,848
Outlays	298,000		297,000

DEPARTMENT OF THE AIR FORCE
RESERVE PERSONNEL, AIR FORCE
NARRATIVE JUSTIFICATION

Justification of FY 1982 Budget Amendment

Program Increases \$300

Modernization

Additional KC-10 Aircraft: \$300 Provides for formal school training for Air Force Reserve associated with the procurement of additional KC-10 aircraft.

Program Decreases \$952

Inflation Adjustment: \$252 Utilization of revised inflation factors of 18 February 1981 results in a restructure of pricing.

Management Headquarters: \$400 Air Force initiative to reduce Headquarters Management costs to effect savings.

Travel Reduction: \$300 Reflects the savings generated from the Office of Management and Budget Reduction to travel costs.

APPROPRIATION LANGUAGE SHEET

1982 Budget Appendix Page	Heading	1982 Budget Request Pending	1982 Proposed Amendment	1982 Revised Request
I-66	National Guard Personnel, Air Force	\$410,100,000	\$8,092,000	\$418,192,000

DEPARTMENT OF THE AIR FORCE
NATIONAL GUARD PERSONNEL, AIR FORCE
PROGRAM AND FINANCING SCHEDULE
(\$ Thousands)

	FY 1982 Request <u>Pending</u>	Amendment		FY 1982 Revised <u>Request</u>
	<u>Program Increases</u>	<u>Program Decreases</u>		
<u>Program by Activities</u>				
Direct Program:				
1. Unit and individual training	267,846	6,110	150	273,806
2. Other training and support	142,254	2,490	358	144,386
Total direct program	410,100	8,600	508	418,192
Reimbursable (total)	345			345
Total obligations	410,445			418,537
<u>Financing (net)</u>				
Offsetting Collections	-345			-345
Budget authority	410,100			418,192
Outlays	409,000			416,000

DEPARTMENT OF THE AIR FORCE
NATIONAL GUARD PERSONNEL, AIR FORCE
NARRATIVE JUSTIFICATION

Justification of FY 1982 budget amendment

Program Increases

8,600

Readiness

(8,600)

Air Base Ground Defense Flights (F-66)

300

This request provides manning to support an Air Base Ground Defense Flight. The mission of this unit will be to counter ground attack threats posed by Warsaw Pact special operations forces and North Korean commando/ranger forces.

Skill Training Course Length Increase (F-68)

200

These funds will support a 6 percent increase in the average length of initial skill training courses. The current programmed average course length is 9.3 weeks. The increased funds will allow implementation of increases in sortie generating Air Force School training courses such as Armament Systems, Munition Systems, Aircraft Maintenance, Able Chief, and electronic principles courses. Overburdened OJT programs will experience some relief from the additive initial training, and improved combat capability will result.

Readiness Manpower (F-101):

8,100

Several changes have occurred since the preparation of the FY 1982 budget request which cannot be accommodated by funding originally requested. Changes in inactive duty participation rates and changes in basic military training subsistence participation rates result in a requirement for \$3.5 million. Pay rate adjustments will cost \$.3 million. All of the preceding carry forward from the FY 1981 supplemental request. Continuing strength growth projected for FY 1982 generates a requirement for \$2.3 million. Strength growth and the resulting need for more school and special training workdays will require \$1.5 million in the School and Special Training programs. Finally, the enactment of the loan repayment program authorized by congress will require \$.5 million FY 1982.

80

Program Decreases

508

<u>Inflation of Base Line (F-200)</u>	(308)
Reduction based on revised inflation estimates	308
<u>Management Headquarters (F-207)</u>	(200)
Efficiency reflects Air Force and Air National Guard initiative to reduce Headquarters Management costs to effect savings.	200

APPROPRIATION LANGUAGE SHEET

1982 Budget Appendix Page	1982 Budget Request Pending	1982 Proposed Amendment	1982 Revised Request
Heading			
I-G13 Operation and Maintenance, Air Force	16,568,600,000	313,264,000	16,881,864,000
	(In the appropriation language under the above heading delete "\$1,154,000,000" and insert in lieu thereof \$1,000,300,000).		

DEPARTMENT OF THE AIR FORCE
OPERATIONS AND MAINTENANCE, AIR FORCE
PROGRAM AND FINANCING SCHEDULE
(\$ Thousands)

<u>Program by Activities</u>	FY 1982 <u>Request</u> <u>Pending</u>	Amendment		FY 1982 <u>Revised</u> <u>Request</u>
		<u>Program Increases</u>	<u>Program Decreases</u>	
<u>Direct Program</u>				
1. Strategic Forces	3,123,063	103,607	44,412	3,182,258
2. General Purpose Forces	3,841,345	227,526	54,220	4,014,651
3. Intelligence & Communications	1,165,826	23,573	24,531	1,164,868
4. Airlift Forces	1,162,249	52,756	14,341	1,200,664
7. Central Supply & Maintenance	5,119,966	114,676	62,075	5,172,567
8. Training, Medical & Other General Personnel Activities	1,783,021	26,883	31,543	1,778,361
9. Administration & Associated Activities	351,216	1,148	5,549	346,815
10. Support of Other Nations	<u>21,914</u>	<u>171</u>	<u>405</u>	<u>21,680</u>
TOTAL DIRECT PROGRAM	16,568,600	550,340	237,076	16,881,864
Reimbursable (Total)	1,242,000			1,242,000
TOTAL OBLIGATIONS	17,810,600			18,123,864
Financing (Net)	+1,242,000			-1,242,000
Budget Authority	16,568,600			16,881,864
Outlays	16,185,000			16,623,000

DEPARTMENT OF THE AIR FORCE
FY 1982 Budget Amendment
Operations and Maintenance
(\$ in Thousands)

<u>Fact of Life</u>	<u>Total</u>	<u>Budget Activity</u>								
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	
Elegant Lady	13,000		13,000							
Titan II Service Engineering/ Safety Improvements	3,900	3,900								
Indicia Mail	6,000									
Fuel Price Increases	100,800	34,054	38,993	2,062	13,313	6,000	6,878	127	178	
Loring AFB Improvements	4,900	4,900								
Currency Revaluations	-33,000	-2,399	-24,087	-1,310	-1,019	-3,412	-746	-20	-7	
Total Fact of Life	95,600	40,455	27,906	752	12,294	7,783	6,132	107	171	
<u>Quality of Life</u>										
Real Property Maintenance Activities (RPMA)/RPMA Energy	105,900	33,000	42,100			13,800	8,600	8,400		
<u>Readiness</u>										
Increased Flying Hours	38,900	2,326	16,552			6,525	13,497			
Distant Early Warning (DEW) Line Operations	19,400	19,400								
Air Base Ground Defense Flights	7,000		7,000							
Initial Skill Training Course Length Increase	2,000							2,000		
Bare Base Equipment	3,000		3,000							
New HARVEST EAGLE Equipment	2,400		2,400							
Mobility Support Equipment	6,400		6,400							
JCS Exercises	94,000		94,000							
Desert and Mountain Unit Training	10,000		10,000							
UH-60 Helicopters	200		200							
Civilian Personnel Reinstatement National Emergency Airborne Command Post	42,000	5,022	9,124	1,481	2,206	21,604	1,545	1,018		
National Military Command Center Power	4,000			4,000						

	Total	1	2	3	4	7	8	9	Budget Activity	10
Family Support Centers	2,000		204	621		277	92	806		
Strategic Command, Control and Communications	7,840				7,840					
Readiness Manpower	8,000							8,000		
Rapid Deployment Joint Task Force Intelligence	900			900						
C-141 Brigade Airdrop	16,800				16,800					
Depot Maintenance Equipment Maintenance	53,000						53,000			
Total Readiness	321,840	26,952	149,997	17,521	25,808	88,193	12,351	1,018		
<u>Modernization</u>										
KC-10 Procurement	700			700						
High Speed Anti-Radiation Missile (HARM)	600			600						
ALE-40 Combat Rescue Equipment	5,000						5,000			
Strategic Air Command Projection Force Modifications	5,100						5,100			
Air Force Test and Evaluation Center	5,000			5,000						
B-52 Companion Training Aircraft	400	400					400			
Improved Mobility Command, Control and Communications (C ³) Airlift	400									
Simplified Processing Station	2,000	2,000								
NORAD Computer Upgrade	800	800								
Theater Nuclear Forces Command, Control and Communications (C ³)	2,500		1,200	1,300						
National Foreign Intelligence Program	4,000			4,000						
Productivity Investment	500		23		454					
Total Modernization	27,000	3,200	7,523	5,300	854	10,100			23	
<u>Economics and Efficiencies</u>										
Civilian Personnel/Base Realignment	-30,300	-7,661	- 6,948	-2,185	-3,435	-3,859	-5,791	- 393		-28

	Budget Activity									
	TOTAL	1	2	3	4	7	8	9	10	
Travel	-2,500	-237	-723	-296	-99	-156	-936	-130	-23	
Consultant Services/Service Contracts	-22,600	-7,263	-3,929	-5,573	-210	-2,514	-2,764	-235	-112	
Productivity Enhancement	-24,000	-4,524	-5,573	-1,689	-1,684	-7,416	-2,574	-509	-31	
Management Headquarters	-7,400	-575	-767	-442	-590	-2,565	-339	-2,122		
OSHA	-8,500	-700	-6,230	-700	-500		-370			
Service Contracts	-4,400	-1,415	-765	-1,085	-40	-490	-537	-46	-22	
Total Economics and Efficiencies	-99,800	-22,375	-24,935	-11,970	-6,558	-17,000	-13,311	-3,435	-216	
<u>Other</u>										
Inflation Adjustment	-137,276	-22,037	-29,285	-12,561	-7,783	-45,075	-18,232	-2,114	-189	
Net Change	313,264	59,195	173,306	-958	38,415	52,601	-4,660	-4,401	-234	

DEPARTMENT OF THE AIR FORCE
OPERATION AND MAINTENANCE, AIR FORCE
NARRATIVE JUSTIFICATION
(\$ Thousands)

Justification of FY 1982 Budget Amendment.

Program Increases - 550,340.

Fact of Life (95,600).

Elegant Lady (13,000). Elegant Lady is a classified effort, directed by JCS. Funds provide for continuation of this high priority, must-pay effort. Details can be provided through classified channels.

Titan II Service Engineering/Safety Improvements (3,900). These funds are required to perform service engineering and safety improvements resulting from intense reevaluation of safety and supportability in response to the September 1980 accident at Little Rock AFB. Funds are needed to implement the recommendations of one Congressional and three Air Force investigative teams.

Indicia Mail (6,000). The Air Force pays the U.S. Postal Service for official indicia (postage and fees paid pre-stamped) mail. The original FY 1982 budget request did not contain these higher rates.

Fuel Price Increases (100,800). These funds provide for higher fuel costs than those in the original FY 1982 President's Budget. Petroleum products are used by the Air Force for the operation of aircraft and vehicles, utilities, and ground operations in support of aircraft operations. Results from fuel price deregulation.

Loring AFB Improvements (4,900). These funds will be used to improve facilities for essential mission support in conjunction with military construction supplemental funding for Loring AFB as a main operating base.

Currency Revaluation (-33,000). Administration economic programs will strengthen the position of the dollar relative to other foreign currencies. Savings will result on those items purchased from the local economy at overseas sites.

Quality of Life (105,900).

Real Property Maintenance Activities (RPMA)/RPMA Energy (105,900). These funds provide for facility maintenance and repair projects to reduce the backlog of deferred requirements particularly in work, living, and recreational facilities (\$+78.0 million). RPMA Energy funds are needed for energy conservation projects, metering systems, and energy audits necessary to meet requirements mandated by Executive Order 12003 and Defense Energy Program Policy Memorandum (\$+27.9 million).

Readiness (321,840).

Increased Flying Hours (38,900). The Air Force needs an additional 20,900 flying hours and 90 manpower authorizations and the requisite funding above those contained in the FY 1982 President's Budget for additional airlift capability, to alleviate training program shortfalls in F-15, FB-111, and E-3A aircraft. These hours and spaces were not contained in the original budget request due to fiscal constraints.

Distant Early Warning (DEW) Line Operations (19,400). The Distant Early Warning Line in Northern Alaska, Canada, and Greenland is the only system dedicated to tactical warning of air attack against North America. These funds support operation and maintenance of the full 31 radar sites versus the 13 site operation and communication retrofit in FY 1981 appropriation.

Air Base Ground Defense Flights (7,000). These funds provide operations and maintenance costs of Airbase Ground Defense flights organized to counter the ground attack threat posed by Warsaw Pact special operations forces and North Korean commando/ranger forces.

Initial Skill Training Course Length Increase (2,000). The resources will support a 6 percent increase in the average length of initial skill training courses. The current programmed course length is 11.0 weeks. The capability provided will allow implementation of increases in sortie generating Air Force Speciality (AFS) training courses such as Armament Systems, Munition Systems, Aircraft Maintenance, and Electronic Principles courses. Those increases have been specifically requested by Air Staff functional managers and Major Command (MAJCOM) Commanders and Deputy Chiefs of Staff (DCSs) as a result of the OJT programs in operational units being overburdened due to the increased losses of second term and career enlisted personnel. To offset this experience shortfall, more advanced technical training is required.

Bare Base Equipment (3,000). Exercises and deployments have degraded several HARVEST EAGLE sets. These funds procure expense-type equipment and supplies such as tents, camouflage, site erection/maintenance tools, and messing equipment and supplies to return the sets to mission capable status. Sets could not be replenished prior to this time due to fiscal constraints.

New HARVEST EAGLE Equipment (2,400). These funds procure and preposition expense-type equipment and supplies for 13 additional HARVEST EAGLE sets required to support the Worldwide Projection Force.

Mobility Support Equipment (6,400). These funds procure and preposition additional mobility equipment to support worldwide force projection requirements encompassing 13 beddown locations, 27,500 personnel, and 30 aircraft squadron equivalents.

JCS Exercises (94,000). These funds are required for overseas Rapid Deployment Force related JCS directed/coordinated exercises.

Desert and Mountain Unit Training (10,000). These funds would be used to support training of Rapid Deployment Force units in desert and mountain environments.

UH-60 Helicopters (200). These funds support the Aircraft Procurement, Air Force initiative to procure 14 UH-60 helicopters in FY 1982 for Aerospace Rescue and Recovery (ARRS) and Special Operations Force (SOF) use. The O&M funding will be for benchstock to support the FY 1983 delivery.

Civilian Personnel (42,000). The Air Force requires 2,200 additional civilian end strengths above those contained in the FY 1982 President's Budget to support procurement, supply, contract administration and other essential operations such as MX and the Space Transportation System. These end strengths were not included in the original budget request due to fiscal constraints.

National Emergency Airborne Command Post (NEACP) (4,000). These funds conclude the initiative in the FY 1981 supplemental request to move the Airborne Command Post to an inland location.

National Military Command Center Power (4,000). These funds will improve the reliability and survivability of the emergency power generating facility supporting the National Military Command Center.

Family Support Centers (2,000). These funds will continue three base level Family Support Centers and will initiate ten additional centers which were not originally budgeted due to fiscal constraints.

Strategic Command, Control, and Communications (7,840). These funds are required for support of the Office of Secretary of Defense (OSD) initiative to improve the World-Wide Military Command and Control System (WWMCCS) information system and the WWMCCS interconnect modernization/upgrade program.

Readiness Manpower (8,000). Due to an increase of 17,000 AF end-strengths, additional funds are required to recruit and train an additional 7,000 non-prior service accessions.

RDJTF Intelligence Support (900). These funds provide rapid and secure intelligence support to deployed RDJTF Command and Control elements and combat units which directly support strike decision, weapons delivery, and aircrew target acquisition.

C-141 Brigade Airdrop (16,800). These funds continue the FY 1981 supplemental request initiative to allow the Air Force to expand its airdrop capability to meet minimum JJC requirements for size and conditions of airdrop.

Depot Purchased Equipment Maintenance (53,000). The Depot Purchased Equipment Maintenance Program finances O&M depot level modifications and maintenance. These resources eliminate projected FY 1982 funding deficits.

Modernization (27,000).

KC-10 Procurement (700). These funds support the Aircraft Procurement, Air Force initiative to procure eight additional KC-10 aircraft in FY 1982. Funds will be used to lay-in benchstock and for training in support of FY 1983 aircraft deliveries.

High Speed Anti-Radiation Missile (HARM) (600). These funds support the Missile Procurement, Air Force initiative to procure 136 missiles in FY 1982 and integrate them with the F-4G Wild Weasel aircraft. O&M support is required to perform service engineering on the missiles.

ALE-40 Combat Rescue Equipment (5,000). O&M to install ALE-40s (Flare/Chaff Dispenser) and ALR 69s (Radar Homing and Warning Equipment) for 23 H-53s, 52 HH-3s, 47 HC-130s and 23 VH-1Ns. These aircraft are used to rescue downed aircrew members in highly defended areas requiring Electronic Counter Measures/Infrared Counter Measures (ECM/IRCM) capability.

Strategic Air Command Strategic Projection Force Modifications (5,100). These funds are the O&M portion of the modification initiative, funded primarily in the Aircraft Procurement, Air Force supplemental request, to increase the conventional capability of 35 B-52H aircraft in FY 1982. These aircraft are committed to the RDJTF; the modifications increase bomb carriage capacity and accuracy.

Air Force Test and Evaluation Center (AFTEC) (5,000). The Air Force needs 27 additional civilian end strengths and requisite funding, and funding for contracts to perform operational testing which otherwise would be precluded due to fiscal constraint. These contracts support increased Follow-on Operational Test and Evaluation (FOT&E) workloads due to increased scope, time-span and information levels required for a variety of high priority combat and combat support systems.

B-52 Companion Training Aircraft (400). These funds are for the O&M support of the Aircraft Procurement, Air Force initiative for the Companion Trainer Aircraft for B-52 training.

Improved Mobility Command, Control and Communication (C3) Airlift (400). These funds support the Other Procurement, Air Force initiative to improve mobility command, control, and communications by acquiring a mobile operations center for Military Airlift Command Airlift Control Elements. O&M funds will be used primarily for various leases of terminals and equipment.

Simplified Processing Station (2,000). These funds provide for additional costs associated with moving the Simplified Processing Station of the Defense Support Program to an overseas location.

NORAD Computer Upgrade (800). These funds will be used to install and maintain a more reliable missile warning system used in the NORAD command post.

Theater Nuclear Forces Command, Control and Communication (C3) (2,500). This item provides resources to improve the command, control, and communications capabilities of selected portions of the theater nuclear forces. Details can be provided through classified channels.

National Foreign Intelligence Program (4,000). These funds are for a highly classified, special access program.

Productivity Investment (500). These funds are the O&M portion of the \$27 million Other Procurement, Air Force initiative to purchase industrial preparedness equipment. Support is required for supplies needed to maintain and repair the equipment after its introduction to the operational inventory.

Program Decreases - -237,076.

Inflation Adjustment (-137,276).

Inflation (-137,276). Administration economic programs will strengthen the value of the dollar by reducing the inflationary pressure against it. Savings from the original budget are a result of revised inflation indices which reflect the impact of these programs on the economy.

Efficiencies (-99,800).

Civilian Personnel/Base Realignment (-30,300). Savings in non-personnel areas from original budget estimate associated with previous civilian hiring freeze and consolidation of support services.

Travel (-2,600). Savings from original budget estimate due to administrative travel limitation.

Consultant Services (-22,600). Savings from the original budget estimate due to limitation on consultant services and other service support contracts.

Productivity Enhancement (-24,000). Savings result from capital investments made in FY 1981.

Management Headquarters (-7,400). Savings result from the Air Force initiative to reduce Management Headquarters costs.

OSPA (-8,500). Savings result from elimination of projects to correct safety and health hazards to comply with PL 91-596 and previous executive orders.

Service Contracts (-4,400). Savings from the original budget estimate due to service contracts limitation.

Net Change in Resources Requested: +313,264

APPROPRIATION LANGUAGE SHEET

1982 Budget Appendix Page	Heading	1982 Budget Request Pending	1982 Proposed Amendment	1982 Revised Request
I-G17	Operation and maintenance, Air Force Reserve	671,100,000	9,908,000	681,008,000

DEPARTMENT OF THE AIR FORCE
OPERATION AND MAINTENANCE, AIR FORCE RESERVE
PROGRAM AND FINANCING SCHEDULE
(\$ Thousands)

	FY 1982 <u>Request</u> <u>Pending</u>	Amendment		FY 1982 <u>Revised</u> <u>Request</u>
		<u>Program</u> <u>Increases</u>	<u>Program</u> <u>Decreases</u>	
<u>Program by Activities</u>				
Direct Program:				
1. Mission Forces	475,802	15,755	3,516	488,041
2. Depot Maintenance	81,381	-	1,339	80,042
3. Other Support	113,917	145	1,137	112,925
Total Direct Program	671,100	15,900	5,992	681,008
Reimbursable (Total)	6,100			6,100
Total Obligations	677,200			687,108
Financing (Net)	-6,100			-6,100
Budget Authority	671,100			681,008
Outlays	663,000			660,000

DEPARTMENT OF THE AIR FORCE
FY 1992 BUDGET AMENDMENT
OPERATION AND MAINTENANCE, AIR FORCE RESERVE
 (\$ in Thousands)

	<u>Total</u>	Aircraft Operations	Non-Flying Operations	Depot Maintenance	Base Operations	Command Support
<u>Fact of Life</u>						
Fuel Price Increase	+15,600	+15,455			+145	
<u>Modernization</u>						
Additional KC-10 Aircraft	+300	+300				
<u>Economics and Efficiencies</u>						
Inflation Adjustment	-2,292	-1,169	-147	-39	-814	-123
Civilian Personnel/Base Realignments	-1,900	-1,900				
Productivity Enhancement Savings	-1,300			-1,300		
Consultant and Professional Management Services Reduction	-200		-200			
Management Headquarters	-200				-200	
Travel Reduction	-100	-100				
Net Change	+9,908	+12,586	-347	-1,339	-669	-323

DEPARTMENT OF THE AIR FORCE
OPERATION AND MAINTENANCE, AIR FORCE RESERVE
NARRATIVE JUSTIFICATION

Justification of FY 1982 Budget Amendment

Program Increases \$15,900

Fact-of-Life

Fuel Price Increase: \$15,600 The increase is required to fund increases in the cost of petroleum products used by the Air Force Reserve for the operation of aircraft, utilities, vehicle operations and ground operations in conjunction with aircraft operations. These funds provide for higher fuel costs associated with the de-control of domestic fuel.

Modernization

Additional KC-10 Aircraft: \$300 Provides for formal school training for Air Force Reserve technicians associated with the procurement of additional KC-10 aircraft.

Program Decreases \$5,992

Inflation Adjustment: \$2,292 Utilization of revised inflation factors resulting in a restructure of pricing.

Civilian Personnel/Base Realignments: \$1,900 Savings generated through the directed hiring freezes and the consolidation of support services, such as laundry service or fire protection at bases that are grouped in the same geographic area.

Productivity Enhancement Savings: \$1,300 Capital investments made in FY 81 have resultant savings in FY 82. The FY 81 savings were included in the President's Budget but not those for FY 82.

Consultant and Professional Management Services Reduction: \$200 Reduction as a result of an intensive review of marginal projects, review previous and planned efforts to avoid duplication and to provide for more competitive procurement so as to reduce costs.

Management Headquarters: \$200 Air Force initiative to reduce Headquarters Management costs to effect savings.

Travel Reduction: \$100 Reflects the administration travel savings.

DEPARTMENT OF THE AIR FORCE
RESERVE PERSONNEL, AIR FORCE
NARRATIVE JUSTIFICATION

Justification of FY 1982 Budget Amendment

Program Increases \$300

Modernization

Additional KC-10 Aircraft: \$300 Provides for formal school training for Air Force Reserve associated with the procurement of additional KC-10 aircraft.

Program Decreases \$952

Inflation Adjustment: \$252 Utilization of revised inflation factors of 18 February 1981 results in a restructure of pricing.

Management Headquarters: \$400 Air Force initiative to reduce Headquarters Management costs to effect savings.

Travel Reduction: \$300 Reflects the savings generated from the Office of Management and Budget Reduction to travel costs.

APPROPRIATION LANGUAGE SHEET

1982 Budget Appendix Page	Heading	1982 Budget Request Pending	1982 Proposed Amendment	1982 Revised Request
I-G19	Operation and Maintenance, Air National Guard	1,685,900,000	568,000	1,686,468,000

DEPARTMENT OF THE AIR FORCE
 OPERATION AND MAINTENANCE, AIR NATIONAL GUARD
 PROGRAM AND FINANCING SCHEDULE
 (Dollars in Thousands)

	FY 1982 Request <u>Pending</u>	Amendment Program <u>Increases</u>	Program <u>Decreases</u>	FY 1982 Revised <u>Request</u>
<u>Program by Activities</u>				
Direct Program:				
410 Operation of Aircraft	561,406	13,244		574,650
430 Logistical Support	247,142		4,744	242,398
440 Training Support	873,874	4,456	12,386	865,944
480 Servicewide Support	3,478		2	3,476
Total Direct Program	1,685,900	17,700	17,132	1,686,468
Reimbursable (total)	11,900			11,900
Total Obligations	1,697,800	17,700	17,132	1,698,368
Financing (net)				
Offsetting Collections	-11,900			-11,900
Budget Authority	1,685,900			1,686,468
Outlays	1,657,100			1,657,607

DEPARTMENT OF THE AIR FORCE
FY 1982 BUDGET AMENDMENT
OPERATIONS AND MAINTENANCE, AIR NATIONAL GUARD
(Dollars in Thousands)

Budget Activities

	Total	Operation of Aircraft	Logistical Support	Training Support	Servicewide Support
<u>Fact of Life</u>					
Fuel Price Increase	\$16,500	\$13,244		\$3,256	
<u>Quality of Life</u>					
<u>Readiness</u>					
Puerto Rico Security	\$ 1,000			\$1,000	
Air Base Ground Defense Flight	\$ 200			\$ 200	
<u>Modernization</u>					
<u>Marginal Programs</u>					
<u>Economics and Efficiencies</u>					
Inflation Estimate Adjustment	(\$9,432)		(\$4,744)	(\$4,686)	(\$ 2)
Civilian Personnel/Base Realignments	(\$4,000)			(\$4,000)	
Productivity Enhancement Savings	(\$3,100)			(\$3,100)	
Management Headquarters	(\$ 200)			(\$ 200)	
Travel Reductions	(\$ 200)			(\$ 200)	
Consultant and Professional Management Services Reduction	(\$ 200)			(\$ 200)	
<u>Other</u>					
Net Change	\$ 568	\$13,244	(\$4,744)	(\$7,930)	(\$ 2)

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DEPARTMENT OF THE AIR FORCE
OPERATION AND MAINTENANCE, AIR NATIONAL GUARD
NARRATIVE JUSTIFICATION
(Dollars in Thousands)

JUSIFICATION OF FY 1982 BUDGET AMENDMENT

<u>Program Increases</u>	17,700
<u>Fact-of-Life</u>	(16,500)
Fuel Price Increase (F-20)	16,500
The increase is required to fund increases in the cost of petroleum projects used for the operation of aircraft, utilities, vehicles operations and ground operations in conjunction with aircraft operations. These funds provide for higher fuel costs than those included in the FY 1982 President's Budget. The FY 1982 fuel prices reflect an estimated average cost of \$55.85 per barrel compared to an average cost per barrel of \$54.60 in the FY 1982 President's Budget.	
<u>Readiness</u>	(1,200)
Puerto Rico Security (F-55)	1,000
Request is for funds to upgrade security at Muniz ANGB, Puerto Rico following a 12 January 1981 terrorist attack. The request funds are for the additional 64 security guards salaries and associated security related supplies, materials, and equipment, and to complete electronic security surveillance, fencing and lighting improvements and other security related work projects.	
Air Base Ground Defense Flight (F-66)	200
Request is for funds to procure equipment items and to provide training to Air National Guard base defense team to counter ground attack threat posed by Warsaw Pact special operations forces and North Korean commando/ranger forces.	

DEPARTMENT OF THE AIR FORCE
OPERATION AND MAINTENANCE, AIR NATIONAL GUARD
NARRATIVE JUSTIFICATION
(Dollars in Thousands)

JUSTIFICATION OF FY 1982 BUDGET AMENDMENT (CONTINUED)

<u>Program Decreases</u>	17,132
<u>Inflation Adjustment</u>	(9,432)
Inflation Estimate Reduction (F-200)	9,432
Revised inflation factors versus the rates in the FY 1982 President's Budget result in a restructure of pricing. The Supplemental/Amendment was priced using the revised inflation rates which were approximately 1 percent lower in FY 1982.	
<u>Efficiencies</u>	(7,700)
Civilian Personnel/Base Realignments (F-201)	4,000
Efficiency reflects the FY 1982 impact of savings generated in FY 1981 as a result of the hiring freezes and the recognition of savings generated through the consolidation of support services.	
Productivity Enhancement Savings (F-205)	3,100
Efficiency reflects the resultant savings in FY 1982 of capital investments made in FY 1981. The FY 1982 President's Budget included the savings for FY 1981 but not in FY 1982.	
Management Headquarters (F-207)	200
Efficiency reflects Air Force and Air National Guard initiatives to reduce Headquarters Management costs to effect savings. This efficiency reflects a reduction of approximately 8 workyears and 5 end strength.	

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DEPARTMENT OF THE AIR FORCE
OPERATION AND MAINTENANCE, AIR NATIONAL GUARD
NARRATIVE JUSTIFICATION
(Dollars in Thousands)

JUSTIFICATION OF FY 1982 BUDGET AMENDMENT (CONTINUED)

Travel Reductions (F-202)

200

This efficiency reflects the travel savings generated as a result of the office of Management and Budget decision to reduce administrative travel.

Consultant & Professional Management Services Reduction (F-203)

200

Efficiency reflects the savings generated as a result of more intensive review of efforts to avoid marginal projects, review of previous and planned efforts to avoid duplication, and provision for more competitive procurement so as to reduce costs.

APPROPRIATION LANGUAGE SHEET

1982 Budget Appendix Page	Heading	1982 Budget Request Pending	1982 Proposed Amendment	1982 Revised Request
I-G34	Aircraft Procurement, Air Force	9,469,900,000	5,281,998,000	14,751,898,000

DEPARTMENT OF THE AIR FORCE
AIRCRAFT PROCUREMENT, AIR FORCE
PROGRAM & FINANCING SCHEDULE
(\$ in Thousands)

	FY 1982 Request <u>Pending</u>	Amendment		FY 1982 Revised Request
		<u>Program Increases</u>	<u>Program Decreases</u>	
<u>Direct Program:</u>				
1. Combat Aircraft	2,191,300	4,008,200	-67,700	6,131,800
3. Trainer Aircraft	-	3,900	-	3,900
4. Other Aircraft	94,600	85,000	-2,900	176,700
5. Modification of Inservice Aircraft	1,966,600	343,400	-177,900	2,132,100
6. Aircraft Spares & Repair Parts	3,286,200	1,084,400	-104,500	4,266,100
7. Aircraft Support Equipment & Facilities	1,931,200	158,700	-48,602	2,041,298
Total Direct Program	9,469,900	5,683,600	-401,602	14,751,898
Reimbursable Program (total)	266,538	-	-	266,538
Total	9,736,438	5,683,600	-401,602	15,018,436
Financing (net)	-266,538	-	-	-266,538
Budget Authority	9,469,900	5,683,600	-401,602	14,751,898
Outlays	8,895,000			9,319,144

DEPARTMENT OF THE AIR FORCE
AIRCRAFT PROCUREMENT, AIR FORCE
NARRATIVE JUSTIFICATION
(\$ MILLIONS)

Justification of FY 1982 Budget Amendment.

Program Increases. (\$5,683.6)

Fact-of-Life. (\$14.1)

F-15 Cost Growth (\$14.1). Required to cover a projected increase in airframe and engine costs based on prices being negotiated for the FY 1981 procurement program.

Readiness. (\$892.8)

Increase Flying Hours (\$9.9). Funds will procure aircraft spares to support addition of: 15,000 CT-39 flying hours for additional support airlift capability; 992 F-15 flying hours for the TAF readiness training program; 888 FB-111 flying hours for the strategic bomber training program; and 4050 E-3A flying hours to help make up for training deficiencies caused by projected levels of contingency deployment.

Prepositioned War Reserve Replenishment Spares (\$311.0). Funds will be used to procure War Readiness Spares Kits (WRSK) for forces that would deploy to NATO and Korea. These spares are required to ensure that forces can be deployed and can operate at intense wartime rates for aircraft for which the spares will be procured are: A-10, F-4, F-111, F-15, F-16, and B-52H. The \$311.0 million, combined with the FY 1982 Carter Budget request, will fully fund known WRSK/BLSS (Base Level Self Sufficiency) requirements.

C-5 Other War Reserve Material (OWRM) Replenishment Spares (\$187.0). Funds will be used to procure spares to support planned wartime activity. This request, plus the FY 1981 Supplemental and the FY 1982 Carter budget, will bring the C-5 up to. Additional spares are essential if the limited number of strategic airlift aircraft are to be used effectively. Mission capability deteriorates rapidly without OWRM spares.

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F100 Spare Engines (\$26.0). Due to limited availability of funds in FY 1981, the F-100 spare engine program was underfunded and the deficit was carried forward to FY 1982. This request, plus the FY 1982 Carter budget, will fully fund the F-100 spare engine requirement. Even with this funding, support of the wartime objective will be delayed twelve months. Without these additional engines, support of the wartime objective will be delayed by another twelve months for one squadron of F-16 aircraft.

C-141/C-130/E-3/KC-135/OWRM (\$107.0). Procurement of OWRM spares will be accelerated from FY 1984/85 to FY 1982/83 to achieve a for these aircraft. Each aircraft has a unique wartime mission which requires additional OWRM. The C-130 and C-141 reach The C-141 will achieve

Mobility Support Equipment (\$6.9). Additional equipment will be procured to support worldwide force projection. Maintenance facility needs of 16 squadron equivalents cannot be fulfilled from current assets. Bases of planned use range from bare to grossly austere; therefore, mobile facilities and base support equipment must be procured and put in place prior to arrival of combat/support forces. Prepositioning of assets in Southwest Asia will eliminate 800 C-141A sortie equivalents, which would have been utilized to transport this support equipment from CONUS, during the early phase of the deployment flow.

C-141 Brigade Air Drop (\$23.0). Funds will be used to procure new equipment to provide improved formation positioning, control, and airdrop in adverse weather conditions. The new equipment will eliminate hazardous frequency interference inherent in present equipment. The equipment will be added to 79 unmodified aircraft and will be used to upgrade 63 aircraft that now have older equipment that displays false targets on station keeping scopes, and gives false proximity warnings and incorrect system failure warning indications.

RF-4C AAD-5 IR Sensors (\$14.0). The additional buy will allow 100% of RF-4C operational aircraft to be equipped, as opposed to 50%, in order to meet operational commitments.

UH-60 Helicopters (\$69.0). Twelve helicopters will be procured for the Aerospace Rescue and Recovery Service and the Special Operations Force, both of which are experiencing a critical shortfall in operational helicopters (due to mission expansion and the increasing age of the helicopter inventory - approaching 20 years average). Without this procurement, the shortfall will become more critical as mission requirements increase and the USAF helicopter force size and capabilities remain static. The USAF can take advantage of the on-going rate production on the Army UH-60 production line.

ALQ-131 Support Equipment (\$77.0). Additional spares for the ALQ-131 Electronic Counter Measure pod and its support equipment will be procured. Only 47% of the pod spares requirement and none of the support equipment spares requirement were funded in the FY 1981 and FY 1982 Budgets. Spares for the additional pods being requested in this Amendment will also be procured with these additional funds.

Aircraft Mods (\$62.0). The ALR-69 Radar Warning Receiver (F-4 aircraft) and Inertial Navigation System (A-10 aircraft) modification programs will be accelerated and seven high priority new programs will be initiated: Fuel Quantity Indicating System and Environmental Control System for the B-52; TF-41 Engine Blade/Wheel Improvement for the A-7; Main Landing Gear Axle Improvement for the F-111; TACAN Replacement and Vertical Scale Engine Instrument for the C-5; and Low Smoke Engines for the F-4.

Modernization. (\$4,776.7)

F-15 Aircraft (\$330.0). Funds will be used to procure 12 additional aircraft for a total buy of 42. This increased buy will achieve a more economical production rate for a savings in unit flyaway cost per aircraft of about \$.6 million.

PLSS R&D Deficiency (\$1.7). An additional TR-1 nose pod will be procured for follow-on operational test and evaluation, which follows the development program included in the FY 1981 Supplemental (\$47.6M). IOC for the Precision Location Strike System is planned for FY 1986.

46 A-10s/14 Two Seat A-10s (\$539.2). This additional procurement of aircraft will bring the total buy to 733 single seat A-10s and 14 two seat A-10s. The A-10 is used for the close air support mission, replacing the A-7 and F-4 as the primary air-to-ground close air support aircraft. It is equipped with a high velocity rapid fire 30MM internal gun and carries up to 16,000 pounds of external ordnance.

F-5F Aircraft (\$25.0). Three aircraft will be procured to be used as a part of the aggressor force for Dissimilar Aerial Combat Tactics (DACT) training (Red Flag) at Nellis AFB. The F-5F is a two seat version of the F-5E and was designed primarily to be an air superiority fighter. It is armed with two 20MM guns.

Long Range Combat (\$2,121.0). Funds will be used to initiate production of the Long Range Combat Aircraft. The aircraft will be a multi-role bomber with maximum range and payload, can perform the conventional bomber mission, will be a cruise missile launch platform, and can deliver nuclear weapons in both SIOP and tactical roles. It will incorporate the latest technology to provide survivability against Soviet air defenses into the 1990s.

U.S. AWACS Aircraft (\$285.0). Two aircraft will be procured in FY 1982, as well as long lead components for three FY 1983 aircraft. The planned FY 1983 buy will now be three aircraft, as opposed to the four originally requested, and the total planned force has been increased by one aircraft - from 34 to 35. The force of 35 aircraft is needed to more closely meet national command authority requirements. Also, a modification program will be initiated to bring all E-3s to a standard computer configuration.

KC-135 Reengineering Modifications (\$216.3). Thirteen reengineering kits will be procured, the first increment of an aircraft modification program, making it possible to begin delivery of modified aircraft in FY 1985. An estimated three hundred aircraft will be reengined with the CFM-56 engine, which will have the effect of adding approximately 200 KC-135s due to the increased capability.

Eight KC-10 Aircraft (\$498.5). Procurement of the KC-10 will be continued towards a required force of 60 aircraft. The FY 1982 increment will bring the total authorized for procurement to 20. To support full-scale Middle East Rapid Deployment Force deployments, a force of four Active and four Reserve Associate squadrons at four main operating bases will be required. The KC-10 will be used for long-range, non-stop deployments of tactical fighter and strategic airlift forces.

Seek Talk (\$37.8). Funds are required to procure production tooling and long lead components and to begin low rate production of anti-jam UHF radio equipment for F-16 and OV-10 aircraft.

F-16 MSIP (\$62.0). Funds will be used to procure long lead time effort for initiation of the Multinational Staged Improvement Plan on the 120 F-16s to be requested in FY 1983. The MSIP entails the addition of, and changes to, aircraft subsystems and avionics so the F-16 can accept growth systems such as AMRAAM, LAN-TIRN, ASPJ, SEEK TALK, JTIDS, GPS, and PLSS, as each completes development, to enhance air-to-air and air-to-surface mission capabilities. Despite the superior performance of the F-16, it has limitations, such as, no beyond-visual-range radar missile and limited night attack capability. Improved capability is essential to counter the threat projected for the mid/late 1980s. If provisions are not made on the production line to accept the growth systems as they become available, a large retrofit program will be required at a significantly greater expense. Additionally, readiness will be adversely impacted while the aircraft are out of use for retrofit.

Electronic Warfare Equipment (\$51.0). An additional 64 ALQ-131 ECM pods will be procured, bringing the production rate to 140 pods per year. The Air Force plans to program this rate through the FYDP period (FY 82-86), thereby achieving a savings of \$214 million. The accelerated production will complete the program four years earlier than the program presented in the Carter budget. These pods are vital for the survivability of several tactical strike/reconnaissance aircraft.

F-15 Conformal Fuel Tanks (\$81.0). Seventy Five sets (150 tanks) will be procured and delivery will begin in mid 1984. The CTFs provide an additional 10,000 lbs. of fuel and will increase F-15C/D range by 30 to 70%, depending on the mission. This enables the F-15 to be deployed to Europe or PACAF without aerial refueling and reduces the amount of tanker support required for sustained missions. Two additional air-to-surface weapon stations will be added to enhance inherent ground attack capabilities of the F-15.

24 F-16 Aircraft (\$334.0). The FY 1982 procurement will be increased by 24 aircraft, from 96 to 120. FY 1983 will also be increased by 24 aircraft for a buy of 120 and long lead funding for this purpose is included in this request. The production rate will increase from eight per month to ten per month and at that more economical rate, the unit flyaway cost is \$270 thousand less. This rate of ten per month is planned to be maintained for the duration of the F-16 aircraft procurement program, which results in a cost avoidance of about \$1 billion. More important, the accelerated production will complete the procurement program 19 months earlier and move forward the delivery to operational units of this multi-mission aircraft with its close-in air-to-air and air-to-surface combat capabilities.

SAC Strategic Projection Force Mods (\$23.9). Funds will be used to begin a program to increase the internal conventional weapons carriage capability of B-52H aircraft committed to the Rapid Deployment Joint Task Force from 27 to 84 MK82 weapons. Coupled with the external carriage modification requested in FY 1981, RDJTF committed B-52Hs will be capable of carrying 108 MK82 weapons. Funds will also be used to prototype an advanced avionics configuration for increased accuracy.

B-52 Companion Trainer Aircraft (\$3.9). Long lead time components will be procured for 20 aircraft to be requested in FY 1983. The CTA will be a modified low cost business-type aircraft with off-the-shelf bomb/navigation equipment and may have a closed circuit electronic warfare suite. The aircraft will be used to train B-52 crews at a much lower cost than would be incurred using the B-52, will extend the service life of the aging B-52 by substituting for B-52 flying hours, and will save about 100 million gallons of fuel per year.

TR-1 Aircraft (\$25.0). Procurement will be accelerated to a more economical production rate of six aircraft. The total program quantity of 35 aircraft is not changed. The FY 1982 unit airframe cost will be reduced by \$.5 million, from \$12.6 to \$12.1, as a result of the acceleration. The TR-1 is used for the high altitude, standoff surveillance reconnaissance mission and will provide a battlefield surveillance system to the theater/tactical commander into the 1990s.

ALE-40 Combat Rescue Equipment (\$9.0). The ALE-40 Chaff/Flare and ALR-69 Radar Warning Receiver will be procured for 18 H-53s, 15 HH-3s, and 22 HC-130s. The modification will enhance the capability to rescue downed aircrew members in highly defended areas requiring ECM/IRCM capability.

Long Lead Items for MC-130 Aircraft in FY 83 (\$33.3). Required for advance procurement of long lead items to be used in the fabrication of four MC-130H aircraft scheduled for procurement in FY 1983 for the Special Operations Force. The total planned program is 12 aircraft.

Airlift Prepositioning (\$75.1). Aircraft support equipment will be procured for prepositioning in NATO. Included are: bomb lifts/trailers, work stands, towbars, servicing costs, air compressors, test stands, generators, tow tractors, and flight line support vehicles. The prepositioning will save 388 C-141A sorties.

National Foreign Intelligence Program (\$24.0). Classified projects, special access only.

Program Decreases. (\$401.6)

Inflation Adjustment. (-\$281.6)

On 18 Feb 1981, the Office of Management and Budget issued revised rates which anticipate a lower amount of inflation than was forecast in the Carter FY 1982 Budget. The revised rates caused a complete restructure of FY 1982 pricing for each line item in this appropriation.

Efficiencies. (-\$120.0)

B-52 Electromagnetic Pulse (EMP) Modificaton (-\$82.6).

This modification, to harden the B-52 against EMP, will be delayed one year to allow completion of prototype testing on the trestle facility. This will result in better definition of the production program.

CRAF (-\$37.4).

This program will be held to the FY 1981 funding level. Non-availability of new widebody production aircraft for the program has caused a shift to modifying existing aircraft. The proposed reduction should have little impact in FY 1982, as the program is in the process of being redefined.

APPROPRIATION LANGUAGE SHEET

1982 Budget Appendix Page	Heading	1982 Budget Request Pending	1982 Proposed Amendment	1982 Revised Request
I-G34	Missile Procurement Air Force	4,274,600,000	383,646,000	4,658,246,000

DEPARTMENT OF THE AIR FORCE
MISSILE PROCUREMENT, AIR FORCE
PROGRAM & FINANCING SCHEDULE
(\$ in Thousands)

	FY 1982 Request <u>Pending</u>	<u>Amendment</u>		FY 1982 Revised <u>Request</u>
		Program <u>Increases</u>	Program <u>Decreases</u>	
<u>Direct Program:</u>				
1. Ballistic Missiles	106,600	-	-16,138	90,462
2. Other Missiles	1,431,800	368,700	-50,333	1,750,167
3. Modifications of Inservice Missiles	96,800	46,100	-3,248	139,652
4. Spares and Repair Parts	200,100	10,800	-7,382	203,518
5. Other Support	2,439,300	87,800	-52,653	2,474,447
Total Direct Program	4,274,600	513,400	-129,754	4,658,246
Reimbursable (total)	92,000	-	-	92,000
Total	4,366,600	513,400	-129,754	4,750,246
Financing (net)	-92,000	-	-	-92,000
Budget Authority	4,274,600	513,400	-129,754	4,658,246
Outlays	2,805,000			2,843,610

DEPARTMENT OF THE AIR FORCE
MISSILE PROCUREMENT, AIR FORCE
NARRATIVE JUSTIFICATION
(\$ In Millions)

Justification of FY 1982 Budget Amendment

Program Increases

Fact-of-Life (\$74.4)

Titan II Safety (\$3.1) - Funds are to improve margin of safety and supportability of Titan II. Procures rocket fuel handlers' clothing outfits, explosive fuel detectors, vapor emission control devices, new portable vapor detectors, and will accelerate procurement of fixed vapor sensing modifications.

GLCM Cost Growth (\$8.6) - Funds are necessary to cover increased cost of procurement of the GLCM weapons system. Latest repricing reflects increase in costs in the transporter erector launcher, launch control center, weapon control system, training and maintenance support equipment. Without additional funding, the initial operational capability (IOC) date of December 1983 in the United Kingdom will not be met.

Have Rust (\$13.0) - This requirement is of a sensitive nature requiring special access.

Transtage (IUS Backup) (\$49.7) - Two additional transtages are being procured to be integrated with the Titan III (34)D to provide a backup to the Titan III (34)D Inertial Upper Stage (IUS) launches in case of further delays in the IUS program.

Modernization (\$439.0)

Minuteman III Extended Survivable Power (MESP) (\$45.0) - Provides lithium batteries for 500 Minuteman III silos. The batteries will extend the amount of time that emergency survivable power is available to launch missiles. The extended silo endurance will support the weapon system in a protracted war scenario. Funding includes required ground support equipment, central controller and installation.

AIM-7/AIM-9/AGM-65 Missiles (\$216.0) - There is a current inventory shortage of tactical air missiles. This request will help remedy the problem by accelerating procurement of 500 AIM-7M Sparrow air-to-air radar guided missiles, and 1320 AIM-9M Sidewinder air-to-air heat seeking missiles and associated spares. Also being procured is support equipment needed to equip additional squadrons to become capable with the AGM-65D air-to-ground "Tank Killer" missile.

HARM Missiles (\$93.1) - The increased sophistication, concentration, and lethality of enemy ground anti-aircraft missile and artillery systems threaten the ability of tactical aviation to survive while accomplishing its mission. These funds will procure the initial 136 HARM anti-radiation missiles that will provide a lethal counter to the threat.

RAPIER Missiles (\$46.8) - The USAF is procuring RAPIER air defense missile systems from the United Kingdom (UK) for the air defense of U.S. air bases in the UK. These funds are for the acquisition of 32 fire units as well as associated vehicular and comm-electronics equipment integral to the fire control unit.

NFIP (\$38.1) - These funds are added to Special Programs. The requirements are of a sensitive nature requiring special access.

Program Decreases

Inflation Adjustment (\$115.9) - Economic assumptions were revised in February 1981 to reflect lower-than-anticipated inflation rates. These dollar amounts result from the application of those rates.

Efficiencies (\$13.9)

Titan II Comm (\$13.1) - Deletes funding for Titan II, C3 Integration program in FY 1982. Integrated installation of AFSATCOM, 616A and SACDIN communications systems into Titan launch control centers will be delayed. The Titan system will depend on the current communications system for connectivity with National Command authority.

Consultants/Management Services (\$.8) - A general reduction applied to the appropriation.

APPROPRIATION LANGUAGE SHEET

1982 Budget Appendix Page	Heading	1982 Budget Request Pending	1982 Proposed Amendment	1982 Revised Request
I-G36	Other Procurement, Air Force	4,013,200,000	1,182,956,000	5,196,156,000

DEPARTMENT OF THE AIR FORCE
OTHER PROCUREMENT, AIR FORCE
PROGRAM & FINANCING SCHEDULE
(\$ in Thousands)

	FY 1982 Request <u>Pending</u>	<u>Amendment</u>		FY 1982 Revised <u>Request</u>
	Program <u>Increases</u>	Program <u>Decreases</u>		
<u>Direct Program:</u>				
1. Munitions and Associated Equipment	460,500	698,528	-35,329	1,123,699
2. Vehicular Equipment	260,100	89,958	-9,971	340,087
3. Electronics and Telecommunications Equipment	912,800	240,222	-26,321	1,126,701
4. Other Base Maintenance and Support Equipment	2,379,800	248,973	-23,104	2,605,669
Total Direct Program	4,013,200	1,277,681	-94,725	5,196,156
Reimbursable (total)	174,074	-	-	174,074
Total	4,187,274	1,277,681	-94,725	5,370,230
Financing (net)	-174,074	-	-	-174,074
Budget Authority	4,013,200	1,277,681	-94,725	5,196,156
Outlays	3,214,000			3,346,018

DEPARTMENT OF THE AIR FORCE
OTHER PROCUREMENT, AIR FORCE
NARRATIVE JUSTIFICATION
(\$ In Millions)

Justification of FY 1982 Budget Amendment

Program Increases

Fact-of-Life (\$2.0)

Elegant Lady (\$2.0) - This is a JCS directed classified effort. The requirement was not identified in time for inclusion in the FY 82 President's Budget.

Readiness (\$1,009.9)

Training Munitions (\$174.0) - This request provides conventional training munitions to develop and maintain established minimum standards of combat proficiency and supporting operations. Both live and inert munitions are included for aircrew training, exercises, demonstrations, operational readiness inspections, and individual training. Requirements will be met without constraining training and exercise consumption. Training requirements increase because of addition of 30MM gun pods to the A-7 and, F-4E squadrons beginning in FY 82, increased crew seat ratios, increased flying hours and increased aircraft inventory. This will also provide funding to procure five training munitions now being obtained by drawing down WRM stocks.

War Reserve Munitions (\$507.5) - This will provide an increment of conventional munitions to increase the most critical WRM stocks to a level that will meet prepositioning requirements for U.S. Forces in NATO and U.S. and ROKAF Forces in Asia by the end of the FY 1984 funded delivery period. Funding constraints have not permitted stockpiling of the most modern munitions. This has forced reliance on older, less effective munitions resulting in restricted capability of modern aircraft systems deployed to these theaters.

Air Base Ground Defense (\$13.5) - This provides equipment for air base ground defense to counter the threat of ground attack posed by Warsaw Pact special operations forces and North Korean Commando/Ranger forces. The equipment includes various types of vehicles, intrusion detection devices, night observation equipment and assorted hand-held weapons.

KDJTF Intelligence Support (\$4.1) - This will acquire deployable secure transmission capability for rapid receipt and dissemination of select, highest priority, exploited imagery from organic and national reconnaissance sources to KDJTF combat aircrews and decision elements. Acquires upgraded Emergency Reaction AFSSO Communications van for deployable special communications support to deployed forces. Also acquires a computer compatible with EC-135 aircraft identified for KDJTF command element.

Harvest Eagle Equipment (\$11.3) - Procures equipment to provide billeting, messing, sanitation, utilities and general housekeeping support to be prepositioned for possible use by U.S. forces. These are basically "tent cities" for personnel. This is a new unprogrammed requirement which is over and above the current capability of the Air Force to support. Current assets are dedicated to WAC and PACAF scenarios.

Mobility Support Equipment (\$55.6) - Provides necessary shelter for personnel as well as portable hardwall structures for aircraft maintenance and other support activities. This requirement will be prepositioned for possible use by U.S. forces. Prepositioning these assets in SWA will save 80 C-141 sortie equivalents during early deployment phases.

Materials Handling Equipment (\$16.0) - This provides vehicular materials handling equipment for aerial port operations. Equipment will be prepositioned at programmed beddown locations for deployed forces to eliminate inter and intra-theater airlift requirements and to facilitate immediate availability. It will save 92 C-141 sorties.

Deployment Base Maintenance and Support Equipment (\$18.0) - This will procure aircraft arresting barriers, water demineralization equipment, fuel storage and dispensing equipment and medical/dental equipment for use by deployed forces.

SWA AM-2 Airfield Matting (\$6.6) - This will provide parking aprons for three squadrons of tactical aircraft at SWA airfields. This increases the basing options since all except improved SWA airfields have limited aircraft parking areas.

Rapid Runway Repair (RRR) Kits (\$12.0) - This provides for five RRR kits to be prepositioned in SWA. The kits provide a rapid repair capability to bomb damaged runways and taxiways to ensure continued airborne combat operations.

Crash Fire Vehicles (\$9.0) - Provides 111 vehicles and equipment for protection of aircraft and facilities at bases used by deployed forces. This equipment will be prepositioned at SWA locations saving 57 C-141 sorties.

RLF C3I Equipment (\$16.0) - This will procure a variety of C3I equipment for the Rapid Deployment Force. Among this group of equipments is a computer for AFCC to control deployment of combat communications groups to support Air Force components of the RDP; a Tactical Frequency Management System (TFMS) is a quick and reliable means of determining the most efficient transmission path for tactical HF communications at any given time; and Digital Communications Terminals (DCT) which is a lightweight hand held communications message processor for point to point and netted communications over a variety of military radios and COMSEC equipments.

Vehicular Equipment (\$34.3) - This will procure 1,263 mission support vehicles to be prepositioned in SWA for flight line operations to support deployed U.S. forces. This will save 455 C-141 sorties.

RDJTF Headquarters Equipment (\$8.0) - As executive agent for the RDJTF Headquarters, the Air Force will provide tents and portable hardwall structures for housekeeping, billeting and messing requirements of the 1,500 HQS personnel.

TAC Combat Communications Equipment (\$72.0) - Combat Communications units provide command, control and base communications services including all types of voice and message traffic and air traffic control and navigational aids for an Air Force component or force deployed anywhere in the world. The type of equipments to be procured are the AN/100-5⁹ circuit switches, tactical digital facsimile equipment and the AN/GRC-206 communication central.

Secure Voice Program (\$22.0) - This provides COMSEC devices and radio modifications to secure the air-to-ground communications of the Tactical Air Control System (407L) for TAC, AAC, USAFE and PACAF. This procurement will make the ground terminals compatible in secure communications.

RDJTF Communications (\$9.0) - This is to procure additional communications for the RDJTF such as Quick Reaction Packages to provide minimum base communications facilities for a main operating base. Facilities for secure voice and record communications and a switchboard are mounted in a stepvan.

Mobility/Rescue Readiness (\$19.0) - This will procure 5,150 453L pallets and associated tie-down nets required for airlift operations and 450 night vision goggles for TAC helicopter crews for night/low vision rescue operations.

Modernization (\$205.6)

RFIP (\$105.9) - This program is addressed in other classified justification material.

Productivity Enhancement (\$25.3) - This program will fund capital investment programs to improve Air Force productivity projects. Funded projects will return all investment costs within four years.

BMEWS SITE III (\$20.0) - This will continue the BMEWS modernization program. The three tracking radars at site III (Fylingdales) will receive the UHF pulse compression modifications identical to the Thule Tracking Radar. The purpose is to achieve a better range resolution capability to support timely missile warning (ICBM and MIRV/IIRBM) as well as make significant contributions to the USAF space defense tracking support rendered by site III for ASAT targeting and verifying end game actions on U.S. satellites intercepted by the Soviet ASAT.

SEAK 1CLCQ (\$12.5) - These funds in addition to those previously requested in FY 82, will procure nine minimally attended radars (MAKs). The total FY 82 request, in conjunction with the planned FY 83 request, will save the Air Force \$24.2 million.

SEAK TALK (\$12.2) - This will procure production tooling, long lead components and fund a low rate initial production of anti-jam one radio equipment for ground-to-air communications with tactical aircraft.

Improved Mobility US Airlift (\$2.6) - This will provide for the engineering and acquisition of a mobile operations center for the MAC Airlift Control Element.

Kapier Missiles (\$5.2) - These funds will provide for the vehicular and communications-electronics equipment integral to the Kapier fire control unit.

GATOR (\$14.0) - This will procure long lead items and initial production for GATOR anti-armor/airfield attack mines.

Airlift Prepositioning (\$23.5) - This will procure flightline support equipment such as bomb lifts/trailers, work stands, towbars, air compressors, test stands, and support vehicles for prepositioning in NATO.

Joint Communications Support Element (\$7.6) - This will fund additional communications for the JCSE of a second deployed force.

COMINT Special Projects (\$6.5) - This will procure COMSEC equipment for encryption of C3 and telemetry uplinks to specific Special Project Satellites.

Secure Voice Improvement (\$6.0) - This will provide for procurement of ground tactical secure voice equipment for the Tactical Air Control System (TACS), the Combat Communication Squadron and tactical airlift control elements.

USP/MGI Operations Support (\$10.0) - This will procure repair capability, technical data and documentation to support the first two mobile Force Ground Terminals.

NOKAD CONFLIK UPGRADE (\$2.8) - This will accelerate the procurement of a more reliable missile warning system used in the NCNCL Command Post.

Theater Nuclear C3 (\$3.0) - This will provide resources to improve the command control and communications capabilities of selected portions of the theater nuclear force.

Program Decreases (\$63.7)

Inflation Adjustment (\$93.7) - Economic assumptions were revised in February 1981 to reflect lower than anticipated inflation rates. This dollar amount results from application of those rates.

Efficiencies (\$11.0)

Laser Acquisition Device (\$6.6) - This requirement was canceled by the TAF.

High Mobility Vehicle (\$2.5) - This vehicle will not be ready for procurement until FY 83.

Consultant Services (\$1.9) - This is an overall reduction applied throughout the appropriation.

APPROPRIATION LANGUAGE SHEET

1982 Budget Appendix Page	Heading	1982 Budget Request Pending	1982 Proposed Amendment	1982 Revised Request
I-G48	Military Construction, Air Force	2,148,700,000	76,700,000	2,225,400,000

DEPARTMENT OF THE AIR FORCE
 MILITARY CONSTRUCTION PROGRAM, AIR FORCE
 PROGRAM AND FINANCING SCHEDULE
 (\$ Thousands)

	FY 1982 Request Pending	Amendment Program Increases	Program Decreases	FY 1982 Revised Request
<u>Program by Activities</u>				
Direct Program:				
1. Major Construction	1,881,100	158,100	-90,480	1,948,720
2. Minor Construction	29,600		-920	28,680
3. Planning	235,500	10,000		245,500
4. Supporting Activities	2,500			2,500
Total direct program	2,148,700	168,100	-920	2,225,400
Reimbursable (total)	2,000			2,000
Total Program	2,150,700			2,227,400
Financing (net)	-2,000			-2,000
Budget Authority	2,148,700			2,225,400
Outlays	734,000		-51,000	683,000

DEPARTMENT OF THE AIR FORCE
MILITARY CONSTRUCTION PROGRAM, AIR FORCE
NARRATIVE JUSTIFICATION

Justification of FY 1982 budget amendment

Program Increases

Fact-of-Life. Includes \$5.1 million for an additional fuel cell repair dock and an aircraft maintenance complex at Loring AFB to improve facilities for essential mission support. Also included is \$3.0 million to improve the reliability/survivability of the emergency power generating facility supporting the National Command Center.

Quality-of Life. Provides \$4.0 million for adequate facilities at various locations in Turkey, including addition/alteration to existing facilities and construction of new facilities. The emphasis is on personnel support, recreational and administrative facility projects at main operating bases and remote sites throughout Turkey.

Readiness. Includes eight projects for \$135 million to enhance readiness: \$6.0 million for European Construction that includes Phase IV Computer Conversion at Hellenikon AB, Torrejon AB and San Vito AB and a much needed gymnasium at Camp New Amsterdam; \$23.0 million for construction of an alert facility, with parking ramp, and an Aircraft Maintenance Unit for 12 E-3A aircraft at Tinker AFB; \$4.0 for a classified program to support the move of a RED HORSE squadron; \$24.0 million for a classified program for minimum essential facilities in Europe; \$9.0 million for an RDJTF Headquarter facility at McDill AFB in order to fully implement and exploit the RDJTF concept; \$11.0 million to continue the development of improvements for Command, Control and Communications strategic connectivity and to improve power reliability/survivability for the NORAD Cheyenne Mountain Complex; \$19.0 million for living, recreation and shop/office facilities at a classified location to beddown the TR-1 in Europe; and \$39.0 million for facilities at Diego Garcia.

Modernization. Includes \$11.0 million to acquire four buildings adjacent to Norton AFB to house increased personnel to support the M-X program; and \$10.0 million for planning and design of off-base facilities such as state highways, schools and utility systems in local communities affected by M-X related construction.

Program Decreases

Other. Includes a \$58.0 reduction for inflation that will be realized with new economic programs being introduced; \$18.9 reduction for anticipated repeal of the Davis-Bacon Act provisions; and \$14.5 million for anticipated changes in the OSHA provisions.

AIR FORCE

FY 1982 MCP AMENDMENT

		(\$000)	AUTHORIZATION	APPROPRIATION
Original Submittal			1,610,000	2,148,700
Increases			+158,100	+168,100
Decreases			-87,145	-91,400
Net Change			+70,955	+76,700
Amended FY 1982 Budget Submittal			1,680,955	2,225,400
<u>INSTALLATION</u>	<u>PROJECT</u>			
<u>INCREASES</u>				
Tinker AFB, OK	AWACS Alert Fac/Land Acquis		+23,000	+23,000
Pentagon, VA	National Military Command Center-Electrical Power Upgrade		+3,000	+3,000
NORAD Cheyene Mountain Complex, CO	Electric Power Improvements		+11,000	+11,000
Loring AFB, ME	Aircraft Maintenance Facs		+5,100	+5,100
MacDill AFB, FL	Rapid Deployment Joint Task Force (RDJTF) Headquarters		+9,000	+9,000
Var Locs-Conus	M-X HQs/Land Acquis (Norton)		+11,000	+11,000
Diego Garcia	Upgrade/Construct Rapid Deployment Joint Task Force (RDJTF) Facs		+39,000	+39,000
Camp New Amsterdam AB, Netherlands	Gymnasium		+3,600	+3,600
Hellenikon AB, Greece	ADAL Data Processing Fac		+800	+800
San Vito AB, Italy	ADAL Data Processing Fac		+600	+600
Torrejon AB, Spain	ADAL Data Processing Fac		+1,000	+1,000
Var Loc-Turkey	Personnel Support Facs		+4,000	+4,000
Var Loc-USAFE	Minimum Essential Facs (COBs)		+24,000	+24,000
Var Loc-USAFE	TR-1 Beddown		+19,000	+19,000
Var Loc-USAFE	Move Red Horse Squadron		+4,000	+4,000
Var Loc-Conus	Planning & Design - M-X Community Impact Assist.			+10,000
Total Increases			+158,100	+168,100

AIR FORCE

FY 1982 MCP AMENDMENT (CONT'D)

<u>INSTALLATION</u>	<u>PROJECT</u>	<u>AUTHORIZATION</u> (\$000)	<u>APPROPRIATION</u>
<u>DECREASES</u>			
	Anticipated Reductions in Escalation	-55,149	-58,000
	Anticipated Reductions in Davis-Bacon	-17,496	-18,900
*Osan AB, Korea	Reduction in OSH Projects	-14,500	-14,500
	OSH-Fire Alarm/Sprinkler System	(-1,964)	(-1,964)
*Langley AFB, VA	OSH-Construct Entomology Fac	(-510)	(-510)
*Tinker AFB, OK	OSH-Alter Aircraft Depot Maintenance Hangars	(-8,135)	(-8,135)
*Hill AFB, UT	OSH-Refueling Vehicle Maintenance Fac	(-795)	(-795)
*Keesler AFB, MS	OSH-Foam Fire Suppression Sys	(-1,070)	(-1,070)
*USAF Academy, CO	OSH-Install Wall/Floor Safety Guards	(-546)	(-546)
**McClellan AFB, CA	OSH-Refueling Vehicle Maintenance Fac	(-36)	(-36)
I **McChord AFB, WA	OSH-Hazardous Material Stor	(-595)	(-595)
**Sheppard AFB, TX	OSH-Alter Base Hospital	(-120)	(-120)
*USAF Academy, CO	OSH-Install Auto Fire Detection Sys	(-620)	(-620)
**Elmendorf AFB, AK	OSH-Fuel Cell Repair Dock	(-109)	(-109)
Total Decreases		-87,145	-91,400

* Project Deleted
** Project Reduced

AIR FORCE

FY 1982 MCP AMENDMENT (CONT'D)

<u>INSTALLATION</u>	<u>PROJECT</u>	<u>AUTHORIZATION</u>	<u>APPROPRIATION</u>
<u>MISCELLANEOUS ADJUSTMENTS - ZERO BALANCE</u>			
Luke AFB, AZ	Sound Suppressor Support Fac (Moved to FY 81 Supplement)	-470	-470
K.I. Sawyer AFB, MI	Sound Suppressor Support Fac (Moved to FY 81 Supplement)	-580	-580
Cannon AFB, NM	Sound Suppressor Support Fac (Moved to FY 81 Supplement)	-450	-450
Various Projects	Cost Adjustment to Six Projects	+1500	+1500
		0	0

1. COMPONENT AIR FORCE	FY 19 82 MILITARY CONSTRUCTION PROGRAM								2. DATE	
3. INSTALLATION AND LOCATION TINKER AIR FORCE BASE, OKLAHOMA				4. COMMAND AIR FORCE LOGISTICS COMMAND				5. AREA CONSTR COST INDEX 1.00		
6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 Sep 80	1,141	4,231	15,577	54	54	0	3	0	166	21,226
b. END FY 19 86	1,280	4,510	16,330	63	63	0	3	0	166	22,415
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (4,148)										
b. INVENTORY TOTAL AS OF 30 Sep 80	265,691									
c. AUTHORIZATION NOT YET IN INVENTORY	33,970									
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	31,520									
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	4,800									
f. PLANNED IN NEXT THREE PROGRAM YEARS	22,815									
g. REMAINING DEFICIENCY	238,186									
h. GRAND TOTAL	596,982									
8. PROJECTS REQUESTED IN THIS PROGRAM										
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)		DESIGN STATUS					
			START	COMPLETE						
121-122	E-3A Ramp Alert Facility and Land Acquisition	LS	23,000*	Nov 80	Nov 81					
800-000	Energy Conservation (See Page 12)	LS	3,030	Jan 81	Aug 81					
811-225	Alter Electrical Distribution System	LS	5,490	Nov 76	Sep 78					
	Subtotal Major Construction		31,520							
	Minor Construction (Specified)		0							
	Total		31,520							
9. Future Projects: Included in Following Program (FY 83):										
141-753	Squadron Operations Facility	6,000 SF	1,000							
171-251	Wing Training Facility	32,000 SF	3,400							
217-742	Alter Communications-Electronics Maintenance Facility	11,520 SF	400							
	Total		4,800							
10. Mission or Major Functions: Includes an Air Logistics Center responsible for logistics management and support for B-52, KC-135, and A-7D aircraft, air-ground missile systems and aircraft engines. Provides depot level maintenance on above systems plus the E-3A (AWACS) aircraft. Technology Repair Center for aircraft air-driven hydraulic/pneumatics systems, oxygen components, engine and automatic flight control instrumentation. Tenant Units: A Tactical Air Command E-3A (AWACS) wing; Air Force Reserve F-105 group.										
*Included in FY 82 Budget Amendment.										

1 COMPONENT AIR FORCE	FY 19 82 MILITARY CONSTRUCTION PROJECT DATA			2 DATE
3 INSTALLATION AND LOCATION TINKER AIR FORCE BASE, OKLAHOMA		4 PROJECT TITLE E-3A RAMP ALERT FACILITY AND LAND ACQUISITION		
5 PROGRAM ELEMENT 2.74.17	6 CATEGORY CODE 121-122	7 PROJECT NUMBER	8 PROJECT COST (\$000) 23,000	
9 COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
E-3A Ramp and Alert Facility.....	LS			7,793
Ramp.....	SY	121,000	25.15	(3,043)
Readiness Crew (Alert) Facility.....	SF	62,900	66.44	(4,179)
Aircraft Maintenance Unit (AMU).....	SF	10,000	57.50	(575)
Supporting Facilities.....	LS			12,135
Electric.....	LS			(1,578)
Utilities.....	LS			(995)
Hydrant Refueling.....	OL	121,000,000		(5,988)
Visitation Center.....	LC			(996)
Site Improvement.....	LS			(530)
Roads, Bridge, Parking.....	LS			(1,843)
Security Fencing.....	LS			(205)
Total Cost.....				19,928
Contingency (5%).....				996
Total Contract Cost.....				20,924
Supervision, Inspection and Overhead (5%).....	AC	47	21,915	1,046
Purchase Land.....				1,030
Total Cost.....				23,000
10 DESCRIPTION OF PROPOSED CONSTRUCTION Construction of an E-3 ramp and alert facility: Concrete masonry walls, concrete foundations and floor slabs, structural frame and built-up roof. The area includes crew sleeping room, bathroom, closets, storage rooms, laundry facilities, dining room, kitchen, lounge, wareroom, library, classified vault, briefing room, office's, and mechanical room. Project includes alert aircraft parking apron for twelve E-3A aircraft, utilities, hydrant refueling system, vehicle parking, security fencing, and lighting. Also provides visitation and Aircraft Maintenance Unit (AMU) facilities.				
11. REQUIREMENT: Readiness Crew: 62,900 SF Adequate: 0 Substandard: 0 Alert Apron: 121,000 SY Adequate: 0 Substandard: 0 Aircraft Maintenance Unit: 10,000 SF Adequate: 0 Substandard: 0 <u>PROJECT:</u> Construct an E-3A Alert Facility for twelve E-3A aircraft and seven crews. <u>REQUIREMENT:</u> An E-3A Alert Facility is required to support the wartime Strategic Defense Mission of the North American Air Defense Command (NORAD) specified in NORAD Operations Plan 3112. Prime concern is the ability to provide a survivable command and control facility during wartime conditions. This will be satisfied by E-3A aircraft and crews standing a strategic Air Command type of alert. The alert facility, including a parking apron for twelve E-3A aircraft and seven crews, will support a sustained alert posture. The alert facility must provide rapid access to mission aircraft, runway, and normal facilities along with the capability for extended live-in periods for alert crews. The AMU is required to provide maintenance space adjacent to the aircraft to minimize turnaround				

1. COMPONENT AIR FORCE	FY 1982 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION TINKER AIR FORCE BASE, OKLAHOMA		
4. PROJECT TITLE E-3A RAMP ALERT FACILITY AND LAND ACQUISITION	5. PROJECT NUMBER	
<p>time and enhance mission readiness.</p> <p><u>CURRENT SITUATION:</u> E-3A alert facilities do not exist at Tinker AFB and there are no facilities available to satisfy the alert requirement.</p> <p>Survivability) is currently achieved through flight and dispersal of NORAD E-3A resources. The absence of an alert and AMU facilities preclude placing aircraft and crews in a more survivable condition to perform the NORAD Strategic Defense mission.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The NORAD alert requirement will not be met.</p>		

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1. COMPONENT AIR FORCE	FY 19 ⁸² MILITARY CONSTRUCTION PROGRAM						2. DATE		
3. INSTALLATION AND LOCATION PENTAGON, ARLINGTON, VA.			4. COMMAND NATIONAL MILITARY COMMAND CENTER (NMCC)			5. AREA CONSTR COST INDEX 1.0			
6. PERSONNEL STRENGTH a. AS OF b. END FY 19	PERMANENT			STUDENTS		SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED		CIVILIAN
7. INVENTORY DATA (\$000)									
a. TOTAL ACREAGE									
d. INVENTORY TOTAL AS OF	.....							
c. AUTHORIZATION NOT YET IN INVENTORY	.....							
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	..... 3,000								
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	.....							
f. PLANNED IN NEXT THREE PROGRAM YEARS	.....							
g. REMAINING DEFICIENCY	.....							
n. GRAND TOTAL	..... 3,000								
8. PROJECTS REQUESTED IN THIS PROGRAM:									
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS					
811-000	National Military Command Center Power Upgrade	LS	3,000 *	START	COMPLETE				

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* Included in FY 82 Budget Amendment

1 COMPONENT AIR FORCE	FY 1982 MILITARY CONSTRUCTION PROJECT DATA			2 DATE
3 INSTALLATION AND LOCATION NATIONAL MILITARY COMMAND CENTER (NMCC), PENTAGON, ARLINGTON, VIRGINIA		4 PROJECT TITLE NMCC POWER UPGRADE		
5 PROGRAM ELEMENT 3.20.11	6 CATEGORY CODE 811-000	7 PROJECT NUMBER	8 PROJECT COST (\$000) 3,000	
9 COST ESTIMATES				
ITEM	U.M.	QUANTITY	UNIT COST	COST (\$000)
NMCC Power Upgrade.....	LS			2,721
Subtotal.....				2,721
Contingency (5%).....				136
Total Contract Cost.....				2,857
Supervision, Inspection and Overhead (5%).....				143
Total Request.....				3,000
10 DESCRIPTION OF PROPOSED CONSTRUCTION Upgrade the NMCC emergency power system to include electrical capacities and distribution systems, appropriate support systems for same, and electro-magnetic pulse (EMP) protection.				
11. REQUIREMENT: As Required. <u>PROJECT:</u> To upgrade the NMCC emergency power system. <u>REQUIREMENT:</u> Emergency electrical power of adequate capacity, distribution, and back up support, with proper reliability and EMP protection, is required to support this key command center which directly supports the National Command Authorities (NCA). <u>CURRENT SITUATION:</u> The existing emergency power system is old (1946 vintage) and does not have sufficient capacity or appropriate distribution to support current and programmed requirements. It also lacks an uninterruptable power supply for critical technical loads. Additionally, it lacks EMP protection. This project will provide the necessary upgrade work to correct these critical deficiencies. It will also correct similar deficiencies regarding EMP protection and uninterruptible power supply systems at the alternate NMCC. <u>IMPACT IF NOT PROVIDED:</u> The NMCC will be forced to continue to operate with inadequate emergency power systems, thus jeopardizing accomplishment of its singularly critical NCA support mission at times when it would be most urgently required; e.g., an attack on the U.S.				

1 COMPONENT AIR FORCE	FY 19 82 MILITARY CONSTRUCTION PROGRAM								2. DATE	
3 INSTALLATION AND LOCATION CHEYENNE MOUNTAIN, COLORADO				4. COMMAND NORTH AMERICAN AIR DEFENSE COMMAND				5. AREA CONSTRA COST INDEX 1.2		
6 PERSONNEL STRENGTH a. AS OF b. END FY 19	PERMANENT			STUDENTS			SUPPORTED		TOTAL	
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED		CIVILIAN
7 INVENTORY DATA (\$000)										
a. TOTAL ACREAGE										
b. INVENTORY TOTAL AS OF										
c. AUTHORIZATION NOT YET IN INVENTORY										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM										11,000
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										
f. PLANNED IN NEXT THREE PROGRAM YEARS										
g. REMAINING DEFICIENCY										
h. GRAND TOTAL										
8 PROJECTS REQUESTED IN THIS PROGRAM										
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)		DESIGN STATUS					
			START	COMPLETE						
811-000	NORAD Power Upgrade	LS	11,000*	May 81	Dec 81					
PROGRAMMED FY 83: NONE										
PROGRAMMED NEXT THREE YEARS: NONE										

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*Included in FY 82 Budget Amendment.

1. COMPONENT AIR FORCE	FY 1982 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3. INSTALLATION AND LOCATION NORAD COMBAT OPERATIONS CENTER, COLORADO		4. PROJECT TITLE NORAD POWER UPGRADE		
5. PROGRAM ELEMENT 1.28.96	6. CATEGORY CODE 811-000	7. PROJECT NUMBER	8. PROJECT COST (\$000) 11,000	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
NORAD Power Upgrade.....	LS			9,977
Subtotal.....				9,977
Contingency (5%).....				499
Total Contract Cost.....				10,476
Supervision, Inspection and Overhead (5%)....				524
Total Request.....				11,000
10. DESCRIPTION OF PROPOSED CONSTRUCTION Upgrade the NORAD Cheyenne Mountain Complex (NCMC) electrical power systems to include upgrading the electrical distribution system, upgrading commercial power distribution, installing electromagnetic pulse (EMP) filters, installing an Uninterruptible Power System (UPS), replacing the supervisory control system, and converting the NCMC power plant to standby operation.				
11. REQUIREMENT: As Required. <u>PROJECT:</u> Upgrade the NCMC electrical power systems to insure highly reliable, high quality, continuous power to support the NORAD critical missions. <u>REQUIREMENT:</u> The primary mission of NORAD is to provide tactical warning and attack assessment to the National Command Authorities in the event of a missile attack on the United States or Canada. Within the framework of NORAD, the United States is also responsible for space defense operations and atmospheric defense. The NCMC is the focal point for receiving, processing, and distributing warning and assessment information through complex and sensitive computer and communications-electronics systems. To insure that these systems continuously function without interruption during peacetime and wartime, a highly reliable, high quality electrical power capability is necessary. The NCMC electrical power generation and distribution systems require alteration and modernization to meet mission requirements. <u>CURRENT SITUATION:</u> The NCMC operates in three power modes: using three of six 1750KW diesel generators, using two generators in parallel with commercial power, or using commercial power as the prime source. Because an UPS is not installed, power interruptions, fluctuations or electrical transients from either the commercial or internal power source cause				

1 COMPONENT AIR FORCE	FY 19 82 MILITARY CONSTRUCTION PROJECT DATA	2 DATE
3 INSTALLATION AND LOCATION NORAD COMBAT OPERATIONS CENTER, COLORADO		
4 PROJECT TITLE NORAD POWER UPGRADE (CONT'D)	5. PROJECT NUMBER	
<p>computer failures and/or loss or degradation of missile warning and attack assessment capabilities. Commercial power is supplied by a single overhead feeder to a 4000KVA substation at the NCMC. The substation was constructed in 1961 as a temporary, expedient power source for the original construction of the complex and is sited in an area exposed to flooding. The overhead distribution system offers only a radial configuration. A second underground feeder from a separate power source will provide improved reliability to the NCMC as well as greater operating flexibility and redundancy. The existing magnetic switchgear is of 1960's technology, and is obsolete, slow, and underrated to the extent that it will not always provide proper fault current protection. The electric distribution includes a manually operated EMP disconnect switch to prevent EMP from entering the complex through the commercial feeder. The disconnect procedure is slow, cumbersome, and not responsive to the current threat. A new in-line EMP filter system will provide the full-time critical protection required. The present supervisory control system (Delta 2000) for the mechanical support equipment must be replaced to insure effective utility system management. The equipment was installed in 1973, and it is slow acting, does not have an alarm override, does not provide continuous monitoring, and requires manual sequencing of start-up and shut-down operations. It is expensive to maintain, frequently fails, and jeopardizes the capability to effectively manage and control the utility systems. Installation of the UPS and EMP filter, along with the new underground commercial feeder, will provide the necessary commercial power reliability, permitting the NCMC power plant to be placed in a ready-to-run standby mode. Modifications to the engine cooling water, lube oil, and starting air systems are necessary to provide rapid, multi-engine start capability.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If the improvements and upgrade are not accomplished, problems with the power supply and electrical distribution system will continue to impact the critical NORAD mission. Use of the present electrical distribution system could result in a major fault in feeders or power centers that would cause a complete loss of mission for an extended period of time. A major equipment malfunction in the power plant or engine support systems would require extensive use of commercial power. During the past year, various power outages have interrupted computer and communications-electronics operations, causing degradation of tactical warning and attack assessment capability. Power plant and support system maintenance requirements often require operation of the NCMC on commercial power. In this mode, the NCMC is vulnerable to the effects of commercial power transients or interruptions. Installation of an UPS will provide the required buffering and ride-through capability during these power variations. In the present configuration, adequate protection against EMP is not assured without significant warning time to allow the existing disconnect switch to be manually opened. The highly reliable and high quality power required to operate the equipment supporting the NORAD mission cannot be provided without the extensive upgrade of the electrical distribution power centers and feeders, installation of the EMP filters and UPS, and the replacement of the supervisory control system with state-of-the-art equipment.</p>		

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1 COMPONENT AIR FORCE	FY 19 82 MILITARY CONSTRUCTION PROGRAM								2 DATE	
3 INSTALLATION AND LOCATION LORING AIR FORCE BASE, MAINE			4. COMMAND STRATEGIC AIR COMMAND				5. AREA CONSTR COST INDEX 0.90			
6 PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 30 Sep 80	433	2,956	614	0	0	0	216	98	0	4,317
b. END FY 19 86	430	2,850	630	0	0	0	216	98	0	4,224
7 INVENTORY DATA (\$000)										
a TOTAL ACREAGE (9,876)										
b INVENTORY TOTAL AS OF 30 Sep 80	177,012									
c AUTHORIZATION NOT YET IN INVENTORY	12,000									
d AUTHORIZATION REQUESTED IN THIS PROGRAM	6,140									
e AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	27,332									
f PLANNED IN NEXT THREE PROGRAM YEARS	23,455									
g REMAINING DEFICIENCY	66,818									
h GRAND TOTAL	312,757									
8 PROJECTS REQUESTED IN THIS PROGRAM										
CATEGORY	CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS	START	COMPLETE			
	211-000	Aircraft Maintenance Facilities	LS	5,100*		Nov 80	Sep 81			
	610-711	Data Processing Facility	8,380 SF	1,040		Dec 80	Dec 81			
		Subtotal Major Construction		6,140						
		Minor Construction (Specified)		0						
		Total		6,140						
9. Future Projects: (a) Included in Following Program (FY 83):										
100-000		Pre-Launch Survivability (PLS) Support Facilities	LS	3,832						
800-00W		Waste Water Treatment Facility	LS	3,500						
821-116		Heating Plant Coal Conversion	LS	20,000						
		Total		27,332						
(b) Typical Planned Next Three Years: None.										
10. Mission or Major Functions: Active mission support activities include a heavy bombardment wing including one B-52 squadron and two KC-135 squadrons which maintain a bomber and tanker alert force.										
*Included in FY 82 Budget Amendment.										

1 COMPONENT AIR FORCE	FY 19 ⁸² MILITARY CONSTRUCTION PROJECT DATA			2 DATE
3 INSTALLATION AND LOCATION LORING AIR FORCE BASE, MAINE		4. PROJECT TITLE AIRCRAFT MAINTENANCE FACILITIES		
5 PROGRAM ELEMENT 1.18.96	6 CATEGORY CODE 211-000	7. PROJECT NUMBER	8. PROJECT COST (\$000) 5,100	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
Aircraft Maintenance Facilities.....	LS			4,192
Aircraft Maintenance Control Facility.....	SF	14,920	45.00	(671)
Organizational Maintenance Facility.....	SF	42,260	46.00	(1,944)
Alter Fuel System Maintenance Dock.....	SF	28,071	56.20	(1,577)
Supporting Fac'ilities.....	LS			434
Electric.....	LS			(135)
Water, Sanitary Sewer and Heat.....	LS			(200)
Roads, Parking and Walks.....	LS			(44)
Site Improvement.....	LS			(55)
Total Cost.....				4,626
Contingencies (5%).....				231
Estimated Contract Cost.....				4,857
Supervision, Inspection and Overhead (5%)....				243
Total Request.....				5,100
10. DESCRIPTION OF PROPOSED CONSTRUCTION Concrete foundations and floor slabs, masonry walls, structural steel frames with built-up roofs for aircraft maintenance control and organizational maintenance facilities. Includes aircraft maintenance space, administrative and storage areas, and support space. All structural, mechanical and electrical work required to provide an efficient fuel system maintenance dock. Includes fuel/oil separator, aircraft fuel cell ventilation equipment and climatic control of purge air system. All utilities and other necessary support.				
11. REQUIREMENTS: As Required. PROJECT: Construction of new aircraft maintenance facilities to consolidate scattered flightline aircraft maintenance activities into a centralized location to permit a cost effective and efficient operation and alter an existing maintenance dock for use as a second fuel cell repair facility. REQUIREMENT: Adequately sized and configured facilities are required to effectively conduct or manage the overall flightline maintenance operations. The costly heating and servicing of over-sized, obsolete buildings that served to house past base mission aircraft and cannot be effectively used for current maintenance must be eliminated. In addition, enclosed, properly equipped and climatically controlled facilities are required in which to inspect, remove, repair and reinstall aircraft fuel systems. Climate control, such as temperature and humidity, is necessary to reduce or eliminate the hazards involved in the use of the toxic solvents and sealants used in the repair of aircraft fuel systems. In addition, the aircraft fuel systems must be protected from contamination during inclement weather and high wind/dust conditions. An adequate facility is required to provide a second fuel cell repair facility to accomplish fuel cell repairs on schedule even in inclement weather.				

1 COMPONENT AIR FORCE	FY 19 82 MILITARY CONSTRUCTION PROJECT DATA	2 DATE
3 INSTALLATION AND LOCATION LORING AIR FORCE BASE, MAINE		
4 PROJECT TITLE AIRCRAFT MAINTENANCE FACILITIES (CONT'D)	5. PROJECT NUMBER	
<p>CURRENT SITUATION: There are 20 separate buildings and four separate refueling stations to serve aircraft maintenance and vehicle operations. The organizational and field maintenance and transporation squadrons are fragmented into widely scattered buildings as a result of years of diminishing maintenance activity without planning for operational effectiveness or cost savings. Each activity is operating on a decentralized basis with resultant lowered productivity and increased costs. In the past year, eight aircraft have had to be sent to depot due to lack of fuel cell repair facilities at Loring AFB. This has resulted in a loss of eight aircraft months to the mission. During six months of winter, minor fuel cell problems cannot be worked because of the existing fuel cell being tied up with major aircraft leaks. Frequently, five to eight aircraft are down awaiting work which results in decreased mission capability.</p> <p>IMPACT IF NOT PROVIDED: The hangars require heat from the central heat plant and will require a multi-million dollar heat line repair project if the hangars continue to be used. The three squadrons will continue to function in a poorly managed, wasteful manner. Also, effective and efficient fuel cell repair activities cannot be accomplished on a timely basis and aircraft will continue to be sent to the depot which is costly and time consuming as well as having a degrading effect on mission accomplishment.</p>		

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1. COMPONENT AIR FORCE	FY 1982 MILITARY CONSTRUCTION PROGRAM								2. DATE																																																		
3. INSTALLATION AND LOCATION MACDILL AIR FORCE BASE, FLORIDA				4. COMMAND TACTICAL AIR COMMAND				5. AREA CONSTRA COST INDEX 1.0																																																			
6. PERSONNEL STRENGTH: a. AS OF 30 Sep 80 b. END FY 1986	PERMANENT			STUDENTS		SUPPORTED			TOTAL																																																		
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED		CIVILIAN																																																	
a. AS OF 30 Sep 80 b. END FY 1986	674 590	4422 4220	836 840	33 33	25 9	0 0	269 269	369 369	33 33	6661 6363																																																	
7. INVENTORY DATA (\$000)																																																											
a. TOTAL ACREAGE : 10,978 b. INVENTORY TOTAL AS OF 30 Sep 80 132,609 c. AUTHORIZATION NOT YET IN INVENTORY 1,580 d. AUTHORIZATION REQUESTED IN THIS PROGRAM 16,960 e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM 1,520 f. PLANNED IN NEXT THREE PROGRAM YEARS 14,596 g. REMAINING DEFICIENCY 42,916 h. GRAND TOTAL 210,181																																																											
8. PROJECTS REQUESTED IN THIS PROGRAM:																																																											
<table border="1"> <thead> <tr> <th rowspan="2">CATEGORY CODE</th> <th rowspan="2">PROJECT TITLE</th> <th rowspan="2">SCOPE</th> <th rowspan="2">COST (\$000)</th> <th colspan="2">DESIGN STATUS</th> </tr> <tr> <th>START</th> <th>COMPLETE</th> </tr> </thead> <tbody> <tr> <td>171-618</td> <td>Field Training Facility</td> <td>24,850 SF</td> <td>2,560</td> <td>Jul 80</td> <td>Jun 81</td> </tr> <tr> <td>211-152</td> <td>Aircraft Maintenance Unit Facs</td> <td>22,400 SF</td> <td>1,600</td> <td>Sep 78</td> <td>Nov 79</td> </tr> <tr> <td>610-284</td> <td>Rapid Deployment Joint Task Force Headquarters</td> <td>LS</td> <td>9,000*</td> <td>Apr 81</td> <td>Apr 82</td> </tr> <tr> <td>721-312</td> <td>Alter Unaccompanied Enlisted Personnel Housing</td> <td>408 PN</td> <td>3,800</td> <td>Aug 80</td> <td>Jul 81</td> </tr> <tr> <td></td> <td>Subtotal-Major Construction</td> <td></td> <td>16,960</td> <td></td> <td></td> </tr> <tr> <td></td> <td>Subtotal-Minor Construction (Specified)</td> <td></td> <td>0</td> <td></td> <td></td> </tr> <tr> <td></td> <td>Total</td> <td></td> <td>16,960</td> <td></td> <td></td> </tr> </tbody> </table>										CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS		START	COMPLETE	171-618	Field Training Facility	24,850 SF	2,560	Jul 80	Jun 81	211-152	Aircraft Maintenance Unit Facs	22,400 SF	1,600	Sep 78	Nov 79	610-284	Rapid Deployment Joint Task Force Headquarters	LS	9,000*	Apr 81	Apr 82	721-312	Alter Unaccompanied Enlisted Personnel Housing	408 PN	3,800	Aug 80	Jul 81		Subtotal-Major Construction		16,960				Subtotal-Minor Construction (Specified)		0				Total		16,960		
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS																																																							
				START	COMPLETE																																																						
171-618	Field Training Facility	24,850 SF	2,560	Jul 80	Jun 81																																																						
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	Total		16,960																																																								
9. FUTURE PROJECTS: (a) Included in next year's program (FY 83):																																																											
610-711 Data Processing Plant 8,525 SF 1,520																																																											
(b) Typical Planned next three years:																																																											
<table border="1"> <tbody> <tr> <td>171-211</td> <td>Academic Learning Facility</td> <td>6,378 SF</td> <td>720</td> </tr> <tr> <td>442-758</td> <td>Addn to Warehouse</td> <td>41,000</td> <td>1,570</td> </tr> <tr> <td>211-157</td> <td>Engine I & R Shop</td> <td>28,000 SF</td> <td>2,180</td> </tr> <tr> <td>610-243</td> <td>Wing/Group HQ</td> <td>37,500 SF</td> <td>3,160</td> </tr> </tbody> </table>										171-211	Academic Learning Facility	6,378 SF	720	442-758	Addn to Warehouse	41,000	1,570	211-157	Engine I & R Shop	28,000 SF	2,180	610-243	Wing/Group HQ	37,500 SF	3,160																																		
171-211	Academic Learning Facility	6,378 SF	720																																																								
442-758	Addn to Warehouse	41,000	1,570																																																								
211-157	Engine I & R Shop	28,000 SF	2,180																																																								
610-243	Wing/Group HQ	37,500 SF	3,160																																																								
10. Mission or Major Functions: This base hosts the U.S. Readiness Command, Rapid Deployment Force Headquarters, a tactical fighter wing with UH-1, F-4D and F-16 aircraft, an aerospace rescue and recovery squadron detachment with UH-1 aircraft, and a communications group.																																																											
*Included in FY 82 Budget Amendment.																																																											

1 COMPONENT AIR FORCE	FY 19 ⁸² MILITARY CONSTRUCTION PROJECT DATA			2 DATE
3 INSTALLATION AND LOCATION MACDILL AIR FORCE BASE, FLORIDA			4 PROJECT TITLE RAPID DEPLOYMENT JOINT TASK FORCE (RDJTF) HQ	
5 PROGRAM ELEMENT 2.75.96	6 CATEGORY CODE 610-284	7 PROJECT NUMBER	8 PROJECT COST (\$000) 9,000	
9 COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
Rapid Deployment Joint Task Force Hq.....	LN			9,000
Total Request.....				9,000
10 DESCRIPTION OF PROPOSED CONSTRUCTION All work necessary to construct a RDJTF HQ, training and support facilities.				
11. REQUIREMENT: As required. PROJECT: Provide permanent facilities for RDJTF Hq, training, equipment and vehicle maintenance, and storage. REQUIREMENT: On 29 Nov 1979, the Joint Chief of Staff (JCS) established the RDJTF. (JCS Memorandum SM-718-79). The RDJTF is responsible for planning, joint training, exercising, and being prepared to deploy and employ, designated force of the RDJTF, as directed to respond to contingencies threatening U.S. interests in specified areas of the world. CURRENT SITUATION: Facilities are not available to house the RDJTF mission. IMPACT IF NOT PROVIDED: Accomplishment of the RDJTF mission will be adversely affected.				

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1 COMPONENT AIR FORCE	FY 19 82 MILITARY CONSTRUCTION PROGRAM						2 DATE	
3 INSTALLATION AND LOCATION VARIOUS LOCATIONS			4. COMMAND M-X			5 AREA CONSTH COST INDEX 1.25		
6 PERSONNEL STRENGTH a. AS OF b. END FY 19	PERMANENT			STUDENTS		SUPPORTED		TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER		ENLISTED	CIVILIAN
7 INVENTORY DATA (\$000)								
a TOTAL ACREAGE b INVENTORY TOTAL AS OF c AUTHORIZATION NOT YET IN INVENTORY d AUTHORIZATION REQUESTED IN THIS PROGRAM 366,000 e AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM 1,778,100 f PLANNED IN NEXT THREE PROGRAM YEARS 11,171,400 g REMAINING DEFICIENCY h GRAND TOTAL								
8 PROJECTS REQUESTED IN THIS PROGRAM								
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)		DESIGN STATUS			
310-477	M-X Operational Facilities (SW CONUS)	LS	332,600		Nov 80	Aug 82		
310-477	M-X Horizontal Protective Shelters (Vandenberg AFB)	2 EA	12,900		Apr 81	Feb 82		
911-146	M-X Real Estate Acquisition (SW CONUS)	LS	9,500		N/A			
610-287	M-X Support Complex (Norton AFB)	LS	11,000*		N/A	N/A		
	Total		366,000					
9. Future Projects: (a) Included in Next Years Program (FY 83):								
310-477	M-X Operational Facilities (SW CONUS)	LS	1,770,200					
911-146	M-X Real Estate Acquisition (SW CONUS)	LS	17,900					
	Total		1,788,100					
(b) Typical Planned Projects in Next Three Years (FY 84-86):								
911-146	M-X Real Estate Acquisition (SW CONUS)	LS	21,100					
310-477	M-X Horizontal Protective Shelters (Vandenberg AFB)	2 EA	13,800					
310-477	M-X Operational Facilities (SW CONUS)	LS	2,428,100					
310-477	M-X Operational Facilities (SW CONUS)	LS	4,215,100					
310-477	M-X Operational Facilities (SW CONUS)	LS	4,493,300					
	Total		11,171,400					
10. Missions or Major Functions: The function of the M-X Weapon System is to counter the growing Soviet strategic threat by allowing the United States to maintain a viable survivable ICBM force.								
*Included in FY 82 Budget Amendment.								

1 COMPONENT AIR FORCE	FY 19 ⁸² MILITARY CONSTRUCTION PROJECT DATA			2 DATE
3 INSTALLATION AND LOCATION VARIOUS LOCATIONS			4 PROJECT TITLE M-X SUPPORT COMPLEX - Land Acquisition - Norton AFB	
5 PROGRAM ELEMENT 1.12.15F	6 CATEGORY CODE 610-286	7 PROJECT NUMBER	8. PROJECT COST (\$000) 11,000	
9. COST ESTIMATES				
ITEM Purchase M-X Support Complex.....		U/M LS	QUANTITY	UNIT COST (\$000) <u>11,000</u>
Total Request.....				11,000
10. DESCRIPTION OF PROPOSED CONSTRUCTION Purchase 38 acres of land with five buildings containing approximately 245,450 SF. Property located on southwest corner of Mill Street and Tippacannce Avenue, San Bernardino, California, and owned by the County of San Bernardino, California.				
11. REQUIREMENT: 509,690 SF Adequate: 264,240 SF Standard: 0. PROJECT: Purchase administrative facilities and associated land. REQUIREMENT: Sufficient office space is required to accommodate increases in personnel of the Ballistic Missile Organization, Air Force Regional Civil Engineers - M-X, and the Corps of Engineers to support the M-X program. This organization is programmed to increase from 1,100 people to approximately 2,000 people by middle of 1982. CURRENT SITUATION: Insufficient office space exists at Norton AFB for personnel being assigned for the M-X program. Ballistic Missile Offices are overcrowded, condemned space is being used and a portion of the Air Passenger Terminal is being utilized. IMPACT IF NOT PROVIDED: Administrative space would have to be leased at a cost of approximately \$2.5 million per year.				

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1. COMPONENT AIR FORCE	FY 19 82 MILITARY CONSTRUCTION PROGRAM								2. DATE
3. INSTALLATION AND LOCATION DIEGO GARCIA AIR BASE, INDIAN OCEAN				4. COMMAND PACIFIC AIR FORCES				5. AREA CONSTR COST INDEX 3.0	
6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			REPORTED		TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED		CIVILIAN
a. AS OF 30 Sep 80	0	0	0	0	0	0	0	0	0
b. END FY 19 86	0	0	0	0	0	0	0	0	0
7. INVENTORY DATA (\$000)									
a. TOTAL ACREAGE	The Air Force has no real property at this installation.								
b. INVENTORY TOTAL AS OF									
c. AUTHORIZATION NOT YET IN INVENTORY									
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	114,990								
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	7,500								
f. PLANNED IN NEXT THREE PROGRAM YEARS	5,200								
g. REMAINING DEFICIENCY									
h. GRAND TOTAL	127,690								
8. PROJECTS REQUESTED IN THIS PROGRAM:									
CATEGORY	CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS				
			LS	114,990	START	COMPLETE			
100-000	Upgrade/Construct Rapid Deployment Force (RDF) Facilities		LS	114,990	Mar 80	Oct 81			
	Subtotal Major Construction								
	Minor Construction (Specified)			0					
	Total			114,990*					
9. Future Projects: (a) Included in Following Program (FY 83):									
100-000	Upgrade/Construct Rapid Deployment Force (RDF) Facilities		LS	7,500					
	(b) Typical Planned Next Three Years:								
100-000	Upgrade/Construct Rapid Deployment Force (RDF) Facilities		LS	5,200					
10. Mission or Major Function (Air Force only): Supports a SAC refueling group.									

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*\$39 million included in FY 82 Budget Amendment.

1 COMPONENT AIR FORCE	FY 19 82 MILITARY CONSTRUCTION PROJECT DATA			2 DATE
3 INSTALLATION AND LOCATION NAVY SUPPORT FACILITY DIEGO GARCIA, INDIAN OCEAN		4 PROJECT TITLE UPGRADE/CONSTRUCT RAPID DEPLOYMENT FORCE (RDF) FACILITIES		
5 PROGRAM ELEMENT 1.18.96	6 CATEGORY CODE 100-000	7 PROJECT NUMBER	8 PROJECT COST (\$000) 114,990*	
9 COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
Upgrade/Construct RDF Facilities.....	LS			99,087
Airfield Pavements.....	LS			(66,451)
Hydrant Refueling System.....	LS			(14,852)
Hazardous Cargo Pad.....	LS			(3,123)
Airfield Lighting.....	LS			(1,683)
Harbor Dredging.....	LS			(6,698)
Demineralized Water Plant.....	LS			(1,670)
Operations Facility.....	LS			(4,319)
Administrative Facility.....	LS			(197)
Cargo Staging Area.....	LS			(94)
Subtotal.....				99,087
Contingency (10%).....				9,908
Total Contract Cost.....				108,995
Supervision, Inspection and Overhead (5.5%)..				5,995
Total Request.....				114,990
*Includes \$39 million in FY 87 Budget Amendment.				
10 DESCRIPTION OF PROPOSED CONSTRUCTION Airfield Pavement - Portland Cement Concrete Apron facility and hazardous cargo pad, hydrant dispensing facilities, airfield lighting, harbor dredging, demineralized water plant, operations and administrative facilities, cargo staging area and all necessary support and utilities.				
11. REQUIREMENT: As Required. <u>PROJECT:</u> Construct/upgrade various facilities in support of RDF deployments. <u>REQUIREMENT:</u> Diego Garcia is a key en route base to support airlift and aerial refueling for the rapid deployment of a heavy Marine amphibious brigade (MAB). This will require apron space to support over 70 cargo, tanker and tactical aircraft with the capability to provide rapid hydrant refueling to insure rapid force projection of the MAB. <u>CURRENT SITUATION:</u> There is insufficient apron area, fuel dispensing and operations facilities to support either ground or aerial refueling in support of a major airlift effort to the Persian Gulf. <u>IMPACT IF NOT PROVIDED:</u> Failure to support this project will severely limit the U.S. capability to deploy the RDF to locations close in proximity to vital oil supplies in a timely fashion. Limited apron and inadequate refueling facilities will prolong a major airlift effort which could result in our inability to contain or defend the Persian Gulf/Indian Ocean area against hostile forces.				

1. COMPONENT AIR FORCE	FY 19 ⁸² MILITARY CONSTRUCTION PROGRAM						2. DATE			
3. INSTALLATION AND LOCATION CAMP NEW AMSTERDAM, THE NETHERLANDS			4. COMMAND UNITED STATES AIR FORCES IN EUROPE			5. AREA CONSTRA COST INDEX 1.6				
6. PERSONNEL STRENGTH	PERMANENT			STUDENTS		SUPPORTED		TOTAL		
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER		ENLISTED	CIVILIAN
a. AS OF 30 Sep 80	101	1156	103	0	0	0	0	1	3	1364
b. END FY 19 86	100	1210	100	0	0	0	0	1	3	1414
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (470)										
b. INVENTORY TOTAL AS OF 30 Sep 80	13,853									
c. AUTHORIZATION NOT YET IN INVENTORY	0									
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	4,860									
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	0									
f. PLANNED IN NEXT THREE PROGRAM YEARS	0									
g. REMAINING DEFICIENCY	7,725									
h. GRAND TOTAL	26,438									
8. PROJECTS REQUESTED IN THIS PROGRAM										
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS START	COMPLETE					
211-193	Sound Suppressor Support Fac	LS	600	Nov 80	Jun 81					
134-351	Aircraft Landing and Navigation Facility (ILS)	LS	660	Jan 79	Jun 80					
740-674	Gymnasium Subtotal Major Construction Subtotal Minor Construction (Specified)	22,461 SF	3,600*	Jun 79	Jan 81					
	Total		4,860							
9. FUTURE PROJECTS: (a) Included in following program (FY 83): NONE										
(b) Typical planned next three years: NONE										
10. Mission or Major Functions: This base hosts a tactical fighter squadron operating F-15 aircraft in support of contingency and war plans.										

*Included in FY 82 Budget Amendment.

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1. COMPONENT AIR FORCE	FY 19 ⁸² MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3. INSTALLATION AND LOCATION CAMP NEW AMSTERDAM AB, THE NETHERLANDS		4. PROJECT TITLE GYMNASIUM		
5. PROGRAM ELEMENT 2.75.96	6. CATEGORY CODE 740-674	7. PROJECT NUMBER	8. PROJECT COST (\$000) 3,600	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
Gymnasium.....	SF	22,461	120.00	2,695
Supporting Facilities.....	LS			524
Electric.....	LS			(90)
Transformer.....	KVA	150	123.00	(18)
Substation.....	KVA	150	129.00	(19)
Water, Sewer, Gas.....	LS			(155)
Site Preparation.....	LS			(119)
Roads, Parking and Walks.....	SY	5,500	22.40	(123)
Subtotal.....				3,219
Contingency (5%).....				161
Total Contract Cost.....				3,380
Supervision, Inspection and Overhead (6.5%)..				220
Total Request.....				3,600
10. DESCRIPTION OF PROPOSED CONSTRUCTION Concrete foundation and floor slab, structural steel frame, masonry walls, and built-up roof. Includes gymnasium, exercise room, training room, handball courts, administrative area, support space and utilities.				
11. REQUIREMENTS: 24,809 SF Adequate: 0 Substandard: 2,348 SF. <u>PROJECT:</u> Construction of a gymnasium to provide space for physical conditioning and indoor sports. <u>REQUIREMENT:</u> A facility is required to provide adequate space for physical conditioning and recreation for assigned base personnel. To support the Air Force physical fitness program and maintain morale at a high standard, it is essential to provide a complete and diversified sports program. <u>CURRENT SITUATION:</u> There is no true USAF gymnasium facility at Camp New Amsterdam Air Base. The only indoor sport facilities available are a four-lane bowling center, one handball court, a limited sauna, and a small weight room placed in a converted squash court. As a result, physical fitness initiatives and recreational sports programs are severely limited. Use of local community facilities or Royal Netherlands Air Force facilities is restricted, as their facilities are adequate to support only local requirements. <u>IMPACT IF NOT PROVIDED:</u> Lack of an adequate facility degrades the physical fitness and morale of assigned personnel and may have an adverse effect on the wing mission. This facility is considered by NATO to be a national responsibility and is not eligible for NATO funding.				

1. COMPONENT AIR FORCE	FY 19 ⁸² MILITARY CONSTRUCTION PROGRAM								2. DATE	
3. INSTALLATION AND LOCATION HELLENIKON AIR BASE, GREECE				4. COMMAND UNITED STATES AIR FORCES IN EUROPE				5. AREA CONSTRA COST INDEX 1.4		
6. PERSONNEL STRENGTH	PERMANENT			STUDENTS			SUPPORTED		TOTAL	
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED		CIVILIAN
a. AS OF 30 Sep	123	1,122	50	0	0	0	24	52	0	1,371
b. END FY 19	124	1,157	51	0	0	0	24	52	0	1,408
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE	177									
b. INVENTORY TOTAL AS OF	30 Sep									9,548
c. AUTHORIZATION NOT YET IN INVENTORY										0
d. AUTHORIZATION REQUESTED IN THIS PROGRAM										800
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										0
f. PLANNED IN NEXT THREE PROGRAM YEARS										0
g. REMAINING DEFICIENCY										1,230
h. GRAND TOTAL										11,578
8. PROJECTS REQUESTED IN THIS PROGRAM:										
CATEGORY CODE	PROJECT TITLE			SCOPE	COST (\$000)	DESIGN STATUS				
610-711	Add to and Alter Data Processing Facility			LS	800*	START	COMPLETE			
9. Future Projects: (a) Included in following program (FY 83):										
None										
(b) Typical planned next three years:										
None										
10. Mission or Major Functions: This base supports a major Air Force Communication Center.										
*Included in FY 82 Budget Amendment.										

1. COMPONENT AIR FORCE	FY 19 ⁸² MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3. INSTALLATION AND LOCATION HELLENIKON AIR BASE, GREECE			4. PROJECT TITLE ADD TO AND ALTER DATA PROCESSING FACILITY	
5. PROGRAM ELEMENT 2.75.96	6. CATEGORY CODE 610-711	7. PROJECT NUMBER	8. PROJECT COST (\$000) 800	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
Add to and Alter Data Processing Facility.....	LS			613
Addition.....	SF	2,000	200.00	(400)
Alterations.....	SF	4,600	46.25	(213)
Remote Processing Station.....	SF	380	35.00	13
Supporting Facilities.....	LS			96
Electric.....	LS			(24)
Transformer.....	KVA	225	102.20	(23)
Utilities.....	LS			(20)
Site Improvement.....	LS			(15)
Roads, Parking and Walks.....	LS			(14)
Subtotal.....				722
Contingency (5%).....				36
Total Contract Cost.....				758
Supervision, Inspection and Overhead (.5%)..				42
Total Request.....				800
Equipment Provided from Other Appropriations.	(Non-Add)			(785)
10. DESCRIPTION OF PROPOSED CONSTRUCTION Concrete foundations and floor slab, masonry walls, steel frame with built-up roof. All structural, mechanical and electrical alterations required to provide an effective, functional facility. Includes computer room and support space; administrative area, maintenance, tape library, supply and storage areas. All utilities and necessary support. Air Conditioning - 40 Tons.				
11. REQUIREMENT: 6,600 SF Adequate: 0 Substandard: 5,600 SF. <u>PROJECT:</u> Alter the existing 4,600 SF base supply computer facility, and construct a 2,000 SF addition for data automation and to accommodate supply functions dispersed into an existing remote terminal facility. <u>REQUIREMENT:</u> A properly sized and configured facility is required to house the new Phase IV computer. This computer replaces such obsolete systems as the Burrough's 3500 and 3700, and UNIVAC 1050. It is necessary to support essential weapon system maintenance and supply activities, and permit more effective management of personnel, financial, engineering, and equipment resources at base level. This computer is scheduled for delivery to the Air Force in November 1983. <u>CURRENT SITUATION:</u> The two existing computers to be replaced by the Phase IV computer are located in two separate facilities. The current physical limitations of these facilities will not permit installation of the new Phase IV computer. There are no other existing facilities available that meet the required space criteria. As a result, enlargement and reconfiguration of one of the existing facilities is necessary to adequately accommodate the new computer equipment and associated support functions. <u>IMPACT IF NOT PROVIDED:</u> We will have no place to house the expensive new computers now on order.				

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1. COMPONENT AIR FORCE	2. DATE FY 1982 MILITARY CONSTRUCTION PROGRAM									
3. INSTALLATION AND LOCATION SAN VITO AIR STATION, ITALY				4. COMMAND UNITED STATES AIR FORCES IN EUROPE			5. AREA CONSTR COST INDEX 1.1			
6. PERSONNEL STRENGTH a. AS OF 30 Sep 80 86 b. END FY 19	PERMANENT			STUDENTS		SUPPORTED		TOTAL 1744 1748		
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER		ENLISTED	CIVILIAN
	69	1282	235	0	0	0	5		153	0
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (359)	25,982									
b. INVENTORY TOTAL AS OF 30 Sep 80	0									
c. AUTHORIZATION NOT YET IN INVENTORY	0									
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	1,540									
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	2,039									
f. PLANNED IN NEXT THREE PROGRAM YEARS	4,378									
g. REMAINING DEFICIENCY	250									
h. GRAND TOTAL	34,189									
8. PROJECTS REQUESTED IN THIS PROGRAM:										
CATEGORY CODE		PROJECT TITLE	SCOPE	COST (\$000)	START	DESIGN STATUS COMPLETE				
610-711		ADAL Data Processing Facility	LS	600 *	Oct 80	Aug 81				
841-166		Water Treatment Facility	LS	940	Jun 80	Aug 81				
		Subtotal-Major Construction		1,540						
		Subtotal-Minor Construction (Specified)		0						
		Total		1,540						
9. FUTURE PROJECTS: (a) Included in following program (FY 83):										
721-312		Alter Unaccompanied Enlisted Personnel Housing	LS	2,039						
(b) Typical next three years:										
141-753		Addition to Operations Facility		4,400 SF	2,994					
610-711		ADAL Data Processing Plant	LS	600						
740-457		Temporary Lodging Facility	9,750 SF	784						
10. Mission or Major Functions: This base supports a major Air Force Communications Center.										
*Included in FY 82 Budget Amendment.										

1 COMPONENT AIR FORCE	FY 1982 MILITARY CONSTRUCTION PROJECT DATA			2 DATE
3. INSTALLATION AND LOCATION SAN VITO AIR STATION, ITALY		4. PROJECT TITLE ADD TO AND ALTER DATA PROCESSING FACILITY		
5. PROGRAM ELEMENT 2.75.96	6. CATEGORY CODE 610-711	7. PROJECT NUMBER	8. PROJECT COST (\$000) 600	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
Add to and Alter Data Processing Facility.....	LS			364
Addition.....	SF	900	186.70	(168)
Alterations.....	SF	5,920	33.11	(196)
Remote Processing Station.....	SF	380	27.50	10
Supporting Facilities.....	LS			168
Electric.....	LS			(50)
Transformer.....	KVA	225	80.00	(18)
Utilities.....	LS			(30)
Site Improvement.....	LS			(50)
Roads, Parking and Walks.....	LS			(20)
Subtotal.....				542
Contingency (5%).....				27
Total Contract Cost.....				569
Supervision, Inspection and Overhead (5.5%)				31
Total Request.....				600
Equipment Provided from Other Appropriations.	(Non-Add)			(785)
10. DESCRIPTION OF PROPOSED CONSTRUCTION Concrete foundations and floor slab, masonry walls, steel frame with built-up roof. All structural, mechanical and electrical alterations required to provide an effective, functional facility. Includes computer room and support space; administrative area, maintenance, tape library, supply and storage areas. All utilities and necessary support. Air Conditioning - 30 Tons.				
11. REQUIREMENT: 6,820 SF Adequate: 0 Substandard: 5,920 SF. PROJECT: Alter the existing data automation facility and construct an addition to the facility. <u>REQUIREMENT:</u> A properly sized and configured facility is required to house the new Phase IV computer. This computer replaces such obsolete systems as the Burrough's 3500 and 3700, and UNIVAC 1050. It is necessary to support essential weapon system maintenance and supply activities, and permit more effective management of personnel, financial, engineering, and equipment resources at base level. This computer is scheduled for delivery to the Air Force in October 1983. <u>CURRENT SITUATION:</u> The two existing computers to be replaced by the Phase IV computer are located in two separate facilities. The current physical limitations of these facilities will not permit installation of the new Phase IV computer. There are no other existing facilities available that meet the required space criteria. As a result, enlargement and reconfiguration of one of the existing facilities is necessary to adequately accommodate the new computer equipment and associated support functions. <u>IMPACT IF NOT PROVIDED:</u> We will have no place to house the expensive new computers now on order.				

1. COMPONENT AIR FORCE	FY 19 ⁸² MILITARY CONSTRUCTION PROGRAM							2. DATE		
3. INSTALLATION AND LOCATION TORREJON AIR BASE, SPAIN				4. COMMAND UNITED STATES AIR FORCES IN EUROPE			5. AREA CONSTR COST INDEX 1.3			
6. PERSONNEL STRENGTH	PERMANENT			STUDENTS		SUPPORTED			TOTAL	
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED		CIVILIAN
a. AS OF 30 Sep 80 b. END FY 19 86	453 460	3200 3240	840 850	0 0	0 0	0 0	38 38	17 17	22 22	4570 4627
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (2346)										
b. INVENTORY TOTAL AS OF 30 Sep 80								77,475		
c. AUTHORIZATION NOT YET IN INVENTORY								540		
d. AUTHORIZATION REQUESTED IN THIS PROGRAM								3,940		
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM								1,300		
f. PLANNED IN NEXT THREE PROGRAM YEARS								5,703		
g. REMAINING DEFICIENCY								20,680		
h. GRAND TOTAL								109,638		
8. PROJECTS REQUESTED IN THIS PROGRAM:										
CATEGORY	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN	STATUS	START	COMPLETE			
211-100	Various Aircraft Support Facilities	LS	1,400			Dep 80	Jul 81			
610-711	ADAL Data Processing Facility	LS	1,000*			Nov 80	Sep 81			
721-312	Alter Unaccompanied Enlisted Personnel Housing	286 PN	1,540			May 80	Jul 81			
	Subtotal-Major Construction		3,940							
	Subtotal-Minor Construction (Specified)		0							
	Total		3,940							
9. FUTURE PROJECTS: (a) Included in following program (FY 83):										
852-269	Refueling Vehicle Parking	LS	1,300							
	Total		1,300							
(b) Typical next three years:										
211-159	Aircraft Corrosion Control Facility	54,600 SF	4,238							
892-581	Firing Barricades	LS	465							
10. Mission or Major Functions: This base hosts a numbered Air Force headquarters which provides management, command, control, and direction for USAFE units located in Southern Europe, a tactical fighter wing headquarters which provides management, command, control, and direction for USAFE units at Torrejon Air Base and three tactical fighter squadrons operating F-4C aircraft in support of contingency and war plans.										

* Included in FY 82 Budget Amendment

1 COMPONENT AIR FORCE	FY 1982 MILITARY CONSTRUCTION PROJECT DATA			2 DATE
3 INSTALLATION AND LOCATION TORREJON AIR BASE, SPAIN		4 PROJECT TITLE ADD TO AND ALTER DATA PROCESSING FACILITY		
5 PROGRAM ELEMENT 2.75.96	6 CATEGORY CODE 610-711	7 PROJECT NUMBER	8 PROJECT COST (\$000) 1,000	
9 COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
Add to and Alter Data Processing Facility...	LS			629
Addition.....	SF	1,820	208.50	(379)
Alterations.....	SF	6,006	41.63	(250)
Remote Processing Station.....	SF	380	32.50	12
Supporting Facilities.....	LS			262
Electric.....	LS			(80)
Transformer.....	KVA	225	93.35	(21)
Motor Generator Sets.....	EA	2	31,000	(62)
Utilities.....	LS			(60)
Site Improvement.....	LS			(18)
Roads, Parking and Walks.....	SY	1,100	19.10	(21)
Subtotal.....				903
Contingency (5%).....				45
Total Contract Cost.....				948
Supervision, Inspection and Overhead (5.5%)..				52
Total Request.....				1,000
Equipment Provided from Other Appropriations.	(NON-ADD)			(1,425)
10 DESCRIPTION OF PROPOSED CONSTRUCTION Concrete foundations and floor slab, masonry walls, steel frame with built-up roof. All structural, mechanical and electrical alterations required to provide an effective, functional facility. Includes computer room and support space; administrative area, maintenance, tape library; supply and storage areas. All utilities and necessary support. Air Conditioning - 40 Tons.				
11. REQUIREMENT: 7,826 SF. Adequate: 6,006 SF. Substandard: 2,600 SF. <u>PROJECT:</u> Addition and alteration to existing data processing facility. <u>REQUIREMENT:</u> A properly sized and configured facility is required to house the new Phase IV computer. This computer replaces such obsolete systems as the Burrough's 3500 and 3700, and UNIVAC 1050. It is necessary to support essential weapon system maintenance and supply activities, and permit more effective management of personnel, financial, engineering, and equipment resources at base level. This computer is scheduled for delivery to the Air Force in December 1983. <u>CURRENT SITUATION:</u> The three existing computers to be replace by the Phase IV computer are located in two separate facilities. The current physical limitations of these facilities will not permit installation of the new Phase IV computer. There are no other existing facilities available that meet the required space criteria. As a result, enlargement and reconfiguration of one of the existing facilities is necessary to adequately accommodate the new computer equipment and associated support functions. <u>IMPACT IF NOT PROVIDED:</u> We will have no place to house the expensive, new computers now on order.				

1. COMPONENT AIR FORCE	FY 19 82 MILITARY CONSTRUCTION PROGRAM								2. DATE
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS, TURKEY				4. COMMAND UNITED STATES AIR FORCES IN EUROPE				5. AREA CONSTR COST INDEX 1.6	
6. PERSONNEL STRENGTH. a. AS OF b. END FY 19	PERMANENT			STUDENTS			SUPPORTED		TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED		CIVILIAN
7. INVENTORY DATA (\$000)									
a. TOTAL ACREAGE									
b. INVENTORY TOTAL AS OF									
c. AUTHORIZATION NOT YET IN INVENTORY									
d. AUTHORIZATION REQUESTED IN THIS PROGRAM	4,000								
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM									
f. PLANNED IN NEXT THREE PROGRAM YEARS									
g. REMAINING DEFICIENCY									
h. GRAND TOTAL									
8. PROJECTS REQUESTED IN THIS PROGRAM.									
CATEGORY CODE	PROJECT TITLE			SCOPE	COST (\$000)	DESIGN STATUS			
700-000	Personnel Support Facilities			LS	4,000*	START	COMPLETE		

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*Part of FY 82 Budget Amendment.

¹ COMPONENT AIR FORCE	⁸² MILITARY CONSTRUCTION PROJECT DATA			² DATE
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS, TURKEY		4. PROJECT TITLE PERSONNEL SUPPORT FACILITIES		
5. PROGRAM ELEMENT 2.75.96	6. CATEGORY CODE 700-000	7. PROJECT NUMBER	8. PROJECT COST (\$000) 4,000	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
Personnel Support Facilities.....	LS			3,577
Alter Unaccompanied Enlisted Personnel Housing (Incirlik).....	LS			(840)
Add/Alter Gymnasium (Incirlik).....	SF	14,586	27.56	(402)
Add/Alter Library (Incirlik).....	SF	5,554	68.78	(382)
Family Service Center (Incirlik).....	SF	1,550	140.00	(217)
Unaccompanied Enlisted Personnel Housing (Incirlik).....	SF	15,000	92.67	(1,390)
Add/Alter Gymnasium (Ankara).....	SF	3,561	97.16	(346)
Subtotal.....				3,577
Contingency (5%).....				179
Total Contract Cost.....				3,756
Supervision, Inspection and Overhead (6.5%)..				244
Total Request.....				4,000
10. DESCRIPTION OF PROPOSED CONSTRUCTION Alteration and additions to existing facilities and construction of new facilities. Includes necessary site work, utilities and mechanical systems.				
11. REQUIREMENT: As Required. PROJECT: Provide various personnel support facilities in Turkey. REQUIREMENT: The Air Force should provide facilities to insure personnel have adequate living areas, recreational opportunity, and other services necessary to bring about some degree of normalcy to an assignment overseas. Failure to provide such facilities creates morale problems for military personnel and their families, contributes to retention problems, and aggravates the overseas rotation index for critically manned career fields. CURRENT SITUATION: Living and working conditions for personnel assigned in Turkey are worse than at any other location overseas or in the U.S. During the period 1975-1978 facility construction, upgrade and modernization in Turkey was essentially terminated due to the international political situation. The Air Force is now trying to overcome the effects of this hiatus, since existing inadequate and deteriorating facilities detract from force readiness and personnel morale. Efforts to improve facilities must not concentrate solely on operational or mission-essential facilities, but must also include those functions which support the off-duty leisure and recreational needs of our people. Existing dormitories and recreational facilities supporting U.S. personnel in Incirlik and Ankara are inadequate or, in some cases, non-existent. These conditions have contributed to the widespread opinion among Air Force personnel that assignment to Turkey should be avoided at almost any cost. IMPACT IF NOT PROVIDED: Air Force personnel in Turkey will continue to				

1 COMPONENT AIR FORCE	FY 1982 MILITARY CONSTRUCTION PROJECT DATA	2 DATE
3 INSTALLATION AND LOCATION VARIOUS LOCATIONS, TURKEY		
4 PROJECT TITLE PERSONNEL SUPPORT FACILITIES (CONT'D)	5 PROJECT NUMBER face substandard/inadequate living and recreational facilities. Morale will deteriorate further and the impact on readiness, though impossible to quantify, will be negative.	

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* U.S. G.P.O. 1977-241-130/1215

1 COMPONENT AIR FORCE	FY 19 ⁸² MILITARY CONSTRUCTION PROGRAM						2 DATE	
3 INSTALLATION AND LOCATION VARIOUS LOCATIONS, EUROPE			4 COMMAND UNITED STATES AIR FORCES IN EUROPE			5 AREA CONSTRA COST INDEX		
6 PERSONNEL STRENGTH a. AS OF b. END FY 19	PERMANENT			STUDENTS		SUPPORTED		TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER		ENLISTED	CIVILIAN
7 INVENTORY DATA (\$000)								
a TOTAL ACREAGE								
b INVENTORY TOTAL AS OF								
c AUTHORIZATION NOT YET IN INVENTORY								
d AUTHORIZATION REQUESTED IN THIS PROGRAM								
e AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM								
f PLANNED IN NEXT THREE PROGRAM YEARS								
g REMAINING DEFICIENCY								
h GRAND TOTAL	145,424							
8 PROJECTS REQUESTED IN THIS PROGRAM								
CATEGORY	PROJECT TITLE	SCOPE	COST (\$000)	START	DESIGN STATUS			
CODE					COMPLETE			
100-000	Minimum Essential Facilities	LS	13,120	Oct 79	Sep 81			
100-000	Minimum Essential Facilities	LS	24,000*	Jul 81	May 82			
100-000	Chemical Warfare Protection	LS	9,840	Aug 79	Aug 81			
100-000	GLCM Facilities	LS	69,094	Jun 80	Sep 81			
100-000	Various Aircraft Support Facilities	LS	19,000*	May 81	May 82			
200-000	RED HORSE Facilities	LS	4,000*	Mar 81	Nov 81			
217-000	Hardened Logistics Facilities	LS	6,370	Jun 78	Aug 81			
Subtotal Major Construction			145,424					
Subtotal Minor Construction (Specified)			0					
Total			145,424					
9. Future Projects: As Required.								
10. Mission or Major Functions: The provision of essential support for tactical forces in theater.								

*Included in FY 82 Budget Amendment.

¹ COMPONENT AIR FORCE	² DATE FY 19⁸² MILITARY CONSTRUCTION PROJECT DATA		
³ INSTALLATION AND LOCATION VARIOUS LOCATIONS		⁴ PROJECT TITLE MINIMUM ESSENTIAL FACILITIES	
⁵ PROGRAM ELEMENT 2.75.96	⁶ CATEGORY CODE 100-000	⁷ PROJECT NUMBER	⁸ PROJECT COST (\$000) 24,000
⁹ COST ESTIMATES			
ITEM	U/M	QUANTITY	UNIT COST (\$000)
Minimum Essential Facilities.....	LS		21,462
Contingency (5%).....			1,073
Total Contract Cost.....			22,535
Supervision, Inspection and Overhead (6.5%)..			1,465
Total Request.....			24,000
¹⁰ DESCRIPTION OF PROPOSED CONSTRUCTION All necessary work to provide adequate earth-covered fuel storage tanks, concrete ammo storage igloos, dispersed aircraft parking platforms, support space and utilities.			
REQUIREMENT: As Shown.			
PROJECT: Construction of minimum essential munitions and fuel storage facilities and dispersed pavement at allied bases.			
REQUIREMENT: Minimum essential facilities are required to make bases ready to support combat operations of deploying aircraft during a wartime or contingency situation in the European theater.			
CURRENT SITUATION: The large number of aircraft required to support wartime or contingency operations in the European theater cannot be accommodated at existing U.S. air bases. Existing allied air bases have expansion capability. The prepositioning of supplies at allied bases will allow the U.S. to take advantage of this expansion capability at an economical cost while enhancing aircraft dispersal ability and reducing transportation requirements during the initial stages of a conflict.			
IMPACT IF NOT PROVIDED: The nonavailability of minimum essential supplies to support U.S. operations at allied air bases will reduce expansion and dispersal capability and increase wartime transportation requirements.			
ADDITIONAL: This increment of the minimum essential facilities program is prefinancing of NATO eligible construction. Recoupment from NATO infrastructure will be requested at the earliest possible time.			

1. COMPONENT — AIR FORCE	FY 19 ⁸² MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3. INSTALLATION AND LOCATION CLASSIFIED LOCATION		4. PROJECT TITLE VARIOUS AIRCRAFT SUPPORT FACILITIES (TR-1)		
5. PROGRAM ELEMENT 2.72.15	6. CATEGORY CODE 100-000	7. PROJECT NUMBER	8. PROJECT COST (\$000) 19,000	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
Various Aircraft Support Facilities.....	LS			16,990
Replace Maintenance Facilities.....	LS			(266)
Field Training Facility.....	LS			(475)
Unaccompanied Enlisted Personnel Housing...	LS			(8,510)
Add to Dining Hall.....	LS			(306)
Add to Avionics Facility.....	LS			(1,381)
Post Office Addition.....	LS			(405)
DCM Complex.....	LS			(1,400)
Unaccompanied Officer Housing.....	LS			(1,046)
Library.....	LS			(532)
Add to and Alter Recreation Center.....	LS			(106)
Add to NCO Open Mess.....	LS			(818)
Wing Headquarters.....	LS			(745)
Warehouse.....	LS			(1,000)
Contingency (5%).....				850
Total Contract Cost.....				17,840
Supervision, Inspection and Overhead (6.5%)..				1,160
Total Request.....				19,000
10. DESCRIPTION OF PROPOSED CONSTRUCTION Various support facilities constructed with masonry walls, steel/frame and built-up roof system, concrete foundation and floor slab. Alteration of various facilities to include removal and construction of partition walls, upgrading of electrical and mechanical systems and finishing work. All site preparation and utilities.				
11. REQUIREMENT: As Shown. <u>PROJECT:</u> Construction of new facilities and alteration of 13 facilities to support a new aircraft beddown. <u>REQUIREMENT:</u> Adequate facilities are necessary to support the increased personnel and mission requirements of the TR-1 beddown. <u>CURRENT SITUATION:</u> Facilities are either nonexistent or inadequate in size and capability to support TR-1 operations. <u>IMPACT IF NOT PROVIDED:</u> The overall success of performing all aspects of the new mission will be severely hampered unless adequate facilities are provided along with the new weapon system. <u>ADDITIONAL:</u> Operational facilities to support the weapon system will be funded by NATO. Base support facilities included in this request are a national responsibility and are not eligible for NATO funding.				

1. COMPONENT AIR FORCE	FY 19 ⁸² MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS		4. PROJECT TITLE RED HORSE FACILITIES		
5. PROGRAM ELEMENT 2.74.30	6. CATEGORY CODE 100-000	7. PROJECT NUMBER	8. PROJECT COST (\$000) 4,000	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
Various RED HORSE Facilities.....	LS			3,600
Contingency (5%).....				180
Total Contract Cost.....				3,780
Supervision, Inspection and Overhead (6.5%)..				246
Total Request.....				4,026
Total Request (Rounded).....				4,000
10. DESCRIPTION OF PROPOSED CONSTRUCTION Construction and alteration of various support facilities and pavements.				
11. REQUIREMENT: As Required. PROJECT: Construction of the following facilities at location A: Vehicle maintenance facility; combined facility for headquarters, administration, and shops; armory; paved parking area for government vehicles; wash rack; dormitory space (125 persons); gymnasium addition; and various facilities at five operating locations in the Mediterranean area. Also consists of the following facilities at location B: Vehicle maintenance facility; combined facility for headquarters, administration, and shops; armory; paved parking area; wash rack; and dormitory space for 75 persons. REQUIREMENT: An in place rapid runway repair (RRR) and heavy construction capability is needed in the Mediterranean to assure continuity of mission capability at Mediterranean bases for Oplan 4102 and Conplan 4200 scenarios. The USAF wartime airfields in the Mediterranean area are located in Turkey (12 bases), Italy (5 bases), Greece (3 bases), and Spain (2 bases). By siting RED HORSE in the Eastern part of the Mediterranean, the quickest response to Southwestern Asia scenarios would be available to the largest number of bases. To allow unilateral U.S. actions by RED HORSE to support Conplan 4200, the CES-1 and CES-2 (150 people with overhead) capability is to be located at location B with the heavy construction CES-3 capability (250 people) located at location A. The CES-3 capability at location A will provide rapid runway repair availability to the largest number of bases as well as the heavy construction capability. RED HORSE will construct these facilities.				

1 COMPONENT AIR FORCE	FY 19 ⁸² MILITARY CONSTRUCTION PROJECT DATA	2 DATE
3 INSTALLATION AND LOCATION VARIOUS LOCATIONS		
4 PROJECT TITLE RED HORSE FACILITIES (CONT'D)	5 PROJECT NUMBER	
<p><u>CURRENT SITUATION:</u> There is no rapid runway repair capability or heavy construction capability at Air Force installations in the Mediterranean area.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The current threat in the Mediterranean and Persian Gulf area is real and growing. It is imperative that a rapid runway repair capability be present to counter the threat. Without RRR, it will be impossible to generate aircraft sorties for the Mediterranean area because the host nations have no RRR capability.</p>		

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1. COMPONENT AIR FORCE	FY 19 82 MILITARY CONSTRUCTION PROGRAM								2. DATE
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS			4. COMMAND N/A				5. AREA CONSTRA COST INDEX		
6. PERSONNEL STRENGTH	PERMANENT			STUDENTS		SUPPORTED			TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED		CIVILIAN
a. AS OF									
b. END FY 19									
7. INVENTORY DATA (\$000)									
a. TOTAL ACREAGE b. INVENTORY TOTAL AS OF c. AUTHORIZATION NOT YET IN INVENTORY d. AUTHORIZATION REQUESTED IN THIS PROGRAM e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM f. PLANNED IN NEXT THREE PROGRAM YEARS g. REMAINING DEFICIENCY h. GRAND TOTAL 									
8. PROJECTS REQUESTED IN THIS PROGRAM:									
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS					
010-111 (31 USC 723)	Planning and Design	LS	245,500 *	START	COMPLETE				
	Total		245,500						
9. Future Projects: As Required.									
10. Mission: Various									

* \$10 Mil included in FY 82 Budget Amendment.

1 COMPONENT AIR FORCE	FY 19 ⁸² MILITARY CONSTRUCTION PROJECT DATA			2 DATE
3 INSTALLATION AND LOCATION VARIOUS LOCATIONS		4 PROJECT TITLE M-X COMMUNITY IMPACT ASSISTANCE PLANNING AND DESIGN		
5 PROGRAM ELEMENT 9.12.11	6 CATEGORY CODE 010-111	7 PROJECT NUMBER	8 PROJECT COST (\$000) 10,000	
9 COST ESTIMATES				
ITEM	U.M.	QUANTITY	UNIT COST	COST (\$000)
M-X Community Impact Assistance Planning and Design.....	LS			10,000
Community Impact Assistance.....				(5,000)
Defense Access Roads.....				
Damage Repair.....				(1,500)
Planning, Survey, Engineering and Design..				(3,500)
Total Request.....				10,000
10. DESCRIPTION OF PROPOSED CONSTRUCTION The funds requested will be used to finance planning, engineering and design activities for Defense Access Roads requirements and civilian community impact assistance activities.				
11. REQUIREMENT: It is extremely important that these funds be provided to demonstrate clearly Air Force resolve to support the comprehensive planning process for state highway improvement and impact mitigation. Successful civilian community planning and impact mitigation is absolutely essential to avoid serious negative community impacts and to insure a quality environment for both Federal personnel and local citizens. FY 82 funds are required (1) to continue civilian community impact planning (funded in FY 80 and 81) which will serve as the basis for extended community impact assistance; (2) to plan, engineer and design initial community facilities such as schools, utility systems, etc., and (3) to conduct Defense Access Roads planning, survey, engineering, design and damage repair activities.				

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APPROPRIATION LANGUAGE SHEET

1982 Budget Appendix Page	Heading	1982 Budget Request Pending	1982 Proposed Amendment	1982 Revised Request
I-G53	Military Construction, Air Force Reserve	34,900,000	- 200,000	34,700,000

DEPARTMENT OF THE AIR FORCE
MILITARY CONSTRUCTION, AIR FORCE RESERVE
PROGRAM AND FINANCING SCHEDULE
(\$ Thousands)

	<u>FY 1982 Request Pending</u>	<u>Amendment</u>		<u>FY 1982 Revised Request</u>
		<u>Program Increases</u>	<u>Program Decreases</u>	
<u>Program by Activities</u>				
Direct Program:				
1. Major Construction	28,500	-	-	28,500
2. Minor Construction	3,000	-	-	3,000
3. Planning	3,400	100	300	3,200
Total Direct Program	34,900	100	300	34,700
Reimbursable (Total)				
Total Obligations	32,000			32,000
Financing (Net)				
Budget Authority	34,900			34,700
Outlays	27,000			27,000

DEPARTMENT OF THE AIR FORCE
MILITARY CONSTRUCTION, AIR FORCE RESERVE
NARRATIVE JUSTIFICATION

Justification of FY 1982 Budget Amendment

Program Increases \$100

Modernization

Additional KC-10 Aircraft: \$100 Provides planning and design for Air Force Reserve Construction associated with the procurement of additional KC-10 aircraft.

Program Decreases \$300

Service Contract Reduction: \$300 Revises Davis-Bacon Act which will reduce rates on construction contracts.

1 COMPONENT USAFR	FY 1982 MILITARY CONSTRUCTION PROJECT DATA			2 DATE 1 Jan 81
3. INSTALLATION AND LOCATION PLANNING AND DESIGN - AIR FORCE RESERVE		4 PROJECT TITLE Planning and Design		
5. PROGRAM ELEMENT 55394F	6 CATEGORY CODE 001-111	7 PROJECT NUMBER 310	8. PROJECT COST (\$000) \$ 3,200	
9 COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
Planning and Design - Air Force Reserve	LS			\$3,200
10 DESCRIPTION OF PROPOSED CONSTRUCTION				
N/A				
11 REQUIREMENT:				
<p>The funds for planning and design will provide for the completed design of facilities and evaluation of the design in terms of technical adequacy and estimated cost. In addition, these funds will be used for site surveys and development of master plans. The working drawings, specifications, project planning reports and design required for those construction projects included in the Military Construction Program will also be funded out of this program element, 55394F. The added emphasis being placed on the modernization of the weapon systems within the Air Force Reserve has generated numerous facility requirements requiring planning and design. It is vital that the Air Force Reserve be funded at the requested level to insure that operational readiness is not hampered because of inadequate facilities.</p>				

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APPROPRIATION LANGUAGE SHEET

1982 Budget Appendix Page	Heading	1982 Budget Request Pending	1982 Proposed Amendment	1982 Revised Request
I-G51	Military Construction, Air National Guard	89,900,000	- 800,000	89,100,000

DEPARTMENT OF THE AIR FORCE
 MILITARY CONSTRUCTION, AIR NATIONAL GUARD
 PROGRAM AND FINANCING SCHEDULE
 (\$ Thousands)

	FY 1982 <u>Request</u> <u>Pending</u>	<u>Amendment</u>		FY 1982 <u>Revised</u> <u>Request</u>
		<u>Program Increase</u>	<u>Program Decrease</u>	
Program by Activities				
1. Major Construction	79,500		800	78,700
2. Minor Construction	5,000			5,000
3. Planning	5,400			5,400
Total Direct Program	89,900		800	89,100
Reimbursable (total)				
Total Obligations	89,900			89,100
Financing (net)				
Budget Authority	89,900			89,100
Outlays	71,000			71,000

DEPARTMENT OF THE AIR FORCE
MILITARY CONSTRUCTION, AIR NATIONAL GUARD
NARRATIVE JUSTIFICATION
(\$ Thousands)

Justification of FY 1982 Budget Amendment

Service Contract Reduction (F-204)

Program Decreases

Energy Conservation Modification programs have been reduced as required by the planned modification of the Davis-Bacon Act.

800

APPROPRIATION LANGUAGE SHEET

1982 Budget Appendix Page	Heading	1982 Budget Request Pending	1982 Proposed Amendment	1982 Revised Request
I-G42	Research, Development, Test, and Evaluation, Air Force	8,669,400,000	728,700,000	9,398,100,000

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DEPARTMENT OF THE AIR FORCE
 RESEARCH, DEVELOPMENT, TEST & EVALUATION, AIR FORCE
 PROGRAM & FINANCING SCHEDULE
 (\$ in Thousands)

	FY 1982 Request Pending	<u>Amendment</u>		FY 1982 Revised Request
	Program Increases	Program Decreases		
<u>Direct Program:</u>				
1. Technology Base	648,499		-10,799	637,700
2. Advanced Technology Development	357,529	10,800	-7,229	361,100
3. Strategic Programs	3,459,165	483,200	-76,465	3,865,900
4. Tactical Programs	1,860,418	241,600	-48,951	2,053,067
5. Intelligence and Communications	1,077,698	86,800	-8,065	1,156,433
6. Defensewide Mission Support	1,266,091	95,700	-37,891	1,323,900
Total Direct Program	8,669,400	918,100	-189,400	9,398,100
Reimbursable Program	489,100			489,100
Total	9,158,500			9,887,200
Financing (net)	-489,100			-489,100
Budget Authority	8,669,400			9,398,100
Outlays	7,935,000			8,372,657

DEPARTMENT OF THE AIR FORCE
RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, AIR FORCE
NARRATIVE JUSTIFICATION

Justification of FY 1982 budget amendment.

Amendment Program Increases.

Fact-of-Life.

Support Program. \$6,000 - Funds development of satellite photography capability essential for increased support of target positioning programs and other mapping and charting projects performed by the Defense Mapping Agency. Also, maintains compatibility with state of the art collection systems.

Test and Evaluation Support. \$1,500 - Funds fuel price increases that have occurred since development of the initial FY 82 Budget.

Defense Support Program. \$7,500 - Funds integration of the DSP payload and the Titan III(34)D/Transtage booster. Also, funds survivability enhancements to DSP satellites 14-17. Funds are critical to meet launch schedule requirements.

Space Boosters. \$5,000 - Funds integration of the Transtage onto the Titan III(34)D booster.

Defense Satellite Communications System (DSCS). \$5,800 - Funds integration of DSCS payloads onto the Titan III(34)D/ Transtage booster.

DOD Common Program Language (ADA) Advanced Development. \$7,000 - Program supports advanced development and management of the new DOD Tri-Service developed Higher Order Language (ADA) which was directed by Congress. Funding provides for the following: operation of Joint Program Office; configuration and control of the language; establishment and operation of validation capability, and funding of common tri-service requirements such as education and training.

Engine Model Derivative Program. \$4,000 - Funds a demonstration of reduced fuel consumption on the TF-33 engine which can provide fuel savings on the C-141 and B-52H aircraft.

Ground Launched Cruise Missile (GLCM). \$38,400 - Funds required to achieve the directed FY 83 initial operational capability in the United Kingdom and full operational capability in FY 88.

Protective Systems. \$23,700 - Details require special access.

Medium Range Air-to-Surface Missile (MRASM). \$19,000 - Funds required to continue development of an Air Force unique MRASM. Air Force will develop a standoff airfield attack missile version of the TOMAHAWK Cruise Missile using low cost guidance and propulsion for a 1985 IOC. Also, provides for integration of the MRASM into the B-52D.

C-130 Airlift Squadrons. \$15,000 - Funds continuation of ground and flight testing of advanced Short Takeoff and Landing modifications existing on C-130 test aircraft. Testing includes unique avionics and propulsion subsystems and aerodynamic options such as larger flaps, ailerons, and horizontal/vertical control surfaces.

Space Defense Systems. \$37,000 - Funds the FY 82 portion of a cost increase for the final development and flight test of the Prototype Miniature Air Launched Systems (PMALS). Funds are needed to ensure program meets first flight date and IOC.

Readiness.

Integrated Operational NUDETS Detection System (IONDS). \$7,000 - Initiates user terminal development and completes data cross link development.

Minimum Essential Emergency Communications Network. \$18,000 - Funds improvements to include upgrading the world-wide airborne command post (WWABNCP) transmitter trailing-wire antenna and accelerating diversity reception equipment development. Also, develops an EMP hardened ground wave radio network for strategic connectivity.

Modernization.

A-10. \$4,800 - Completes flight testing of the two-seat A-10B trainer.

Aircraft Propulsion Systems Integration. \$5,000 - Provides for procurement of additional hardware and test time to sustain increased durability testing initiated by Congress in FY 1980.

Advanced Turbine Engine Gas Generator. \$5,000 - Provides for procurement of additional hardware and test time to sustain increased durability testing initiated by Congress in FY 1980.

OMEGA. \$15,000 - Details require special access.

Long Range Combat Aircraft. \$302,000 - Continues full scale development program of new strategic aircraft leading to an FY 86 IOC.

KC-135 Squadrons. \$2,500 - Funds the following re-engine requirements: Arnold Engineering Development Center test, fifth nacelle and strut test, landing gear durability test and nuclear hardness test. These items are being requested as part of the production certification process desired by the Congress to complete a full up production aircraft.

Tactical AGM Missile. \$4,300 - Funds completion of IOT&E on the High Speed Anti-Radiation Missile.

Alternate Fighter Engine. \$35,000 - Provides for initiation of preliminary production engineering and system optimization engineering on the F-101 Derivative Fighter Engines.

B-52 Squadrons. \$600 - Funds the development of modifications that will significantly increase the conventional capability of B-52H aircraft assigned to the Strategic Air Command Strategic Projection Force.

Companion Trainer Aircraft Development. \$18,700 - Provides for the procurement of two RDT&E aircraft and to conduct a test program.

Low Altitude Airfield Attack System. \$60,000 - Funds continuation of US participation in the joint USAF/RAF JP-233 program.

Tactical Identification System. \$7,000 - Funds fabrication of advanced development models for testing of the NATO interoperable, cooperative, identification system to replace the aging Mark XII Identification Friend or Foe system in the 1990s.

EF-111 Simulator Modifications. \$8,000 - Funds modification of the AN/ALQ T-5 Student Electronic Warfare Trainer.

M-X. \$70,000 - Funds development of an integrated fuze for the warhead that will improve accuracy and be invulnerable to electromagnetic countermeasures. Also, funds the Renewable Energy System (RES) project which will develop and demonstrate reliable, cost-effective alternative energy sources (using wind, solar, geothermal, and waste to energy technologies) for powering M-X support facilities in the deployment area.

Space Launch Support. \$25,000 - Funds required to reimburse NASA for the integration and operation of the BATSON II COMSEC equipment to the telemetry, tracking, and control link of the Tracking and Data Relay Satellite System.

TAC C³ Counter-Measures. \$7,000 - Funds development of SEEK BANDIT identification capability for fighter aircraft.

Advanced Technology Cruise Missile. \$16,000 - Funds initiation of a TEAL DAWN ground/flight test demonstration.

Special Programs. \$12,000 - Details require special access.

WWMCCS ADP - NORAD ADCOM. \$2,400 - Funds B-level specification development, contract definition, and hardware acquisition for the existing NORAD Command Post (NCP) Communication system segment.

Air Force Satellite Communications System. \$1,500 - Funds development of improvements in the survivability and capability of command and control and communications support Theater Nuclear Forces.

Night Attack Program. \$12,000 - Provides for LANTIRN/A-10 integration development within the timeframe required to meet the flight test schedule. Also, funds target recognizer evaluation.

NFIP. \$75,000 - Details require special access.

F-15. \$32,800 - Funds development of F-15 enhanced air-to-surface capabilities to include: FLIR and laser sensor provisions, improved cockpit displays, TF/TA radar provisions, and expanded air-to-surface armament capability.

Acquisition and Command Support. \$1,600 - Provides Productivity Enhancements for Air Force Systems Command support activities. Equipment purchased under this program will amortize in four years.

Amendment Program Decreases.

Inflation Adjustment.

Revised Economic Assumptions. \$155,000 - The President's Economic Recovery Plan is expected to result in lower inflation increases than those anticipated in the January Budget. This will yield government-wide savings, including the amount shown here for this account.

Efficiencies.

Travel Reductions. \$200 - Reflects savings generated by Office of Management and Budget (OMB) directed reduction in travel costs.

Consultant and Professional Management Services Reduction. \$17,900 - Results from OMB directed reduction in consulting services support. Will result in more efficient use of in-house resources.

Civilian Personnel. \$3,800 - Savings result from the civilian hiring freeze directed by OMB.

Productivity Enhancements. \$2,600 - Savings result from capital investments made in FY 1981. Savings are included in the FY 1981 column of the January Budget but not in FY 1982.

Management Headquarters. \$600 - Savings result from an Air Force initiative to reduce Headquarters Management costs.

Other.

Command, Control, and Communications Advance Development. \$5,000 - Results in a scale back pending definitions of future C³ program direction.

Titan Squadrons. -\$300 - Deletes funding for Titan II C³ Integration Program. Delays integrated installation of AFSATCOM, 616A, and SACDIN Communication Systems, in Titan launch control centers from FY 82 to FY 83.

Advanced Aerial Targets Development. \$4,000 - Savings result from a reduction in efforts on the Firebolt program.

APPROPRIATION LANGUAGE SHEET

1982 Budget Appendix Page	Heading	1982 Budget Request Pending	1982 Proposed Amendment	1982 Revised Request
I-G63	Air Force Stock Fund	42,800,000	65,000,000	107,800,000

DEPARTMENT OF THE AIR FORCE
 AIR FORCE STOCK FUND
 PROGRAM AND FINANCING SCHEDULE
 WAR READINESS MATERIAL

(\$ Thousands)

<u>Program by Activities</u>	FY 1982 Request <u>Pending</u>	Amendment		FY 1982 Revised <u>Request</u>
		<u>Program Increases</u>	<u>Program Decreases</u>	
Systems Support Division	11,000			11,000
General Support Division	6,600	36,000		42,600
Medical/Dental Division	12,000	16,000		28,000
Fuel Division	8,400	13,000		21,400
Commissary Division	<u>4,800</u>	—		<u>4,800</u>
TOTAL DIRECT PROGRAM	42,800	65,000		107,800
Reimbursable				
TOTAL OBLIGATIONS	42,800			107,800
Financing (Net)				
Budget Authority	42,800			107,800
Outlays	232,300			232,300

DEPARTMENT OF THE AIR FORCE
STOCK FUND, AIR FORCE
NARRATIVE JUSTIFICATION
(\$ THOUSANDS)

Justification of FY 1982 Budget Amendment

Program Increases - 65,000

Readiness (65,000)

General Support Division (36,000). Funds supplies and equipment contained in newly authorized Harvest Eagle and Harvest Bare Kits to support the Worldwide Force Projection (WWFP). These items are required to support the initial housekeeping functions of deployed units at bases of operations that range from bare to grossly austere.

Medical/Dental Division (16,000). Provides medical material to support both fixed and mobile treatment facilities for the WWFP.

Fuels Division (13,000). Funds ten million gallons of prepositioned aviation fuel for WWFP.